SriHarsha Thotakura
512-913-7322
thotakuraharsha@gmail.com

SUMMARY
- Direct and manage software development process for high throughput engineering teams.
- Coordinate workflow for multiple International Teams (IST, CEST, PST, CST).
- Manage talent acquisition, training, supervision, and performance development.
- Expertise in strategic planning, defining roadmap and QBRs. Project and product alignment with leadership teams. Identify and review product specifications and quality attributes including measuring production, documentation, and defining operational/performance metrics.
- Collaborate with developers to ensure the successful delivery of products with highest engineering standards and targeted expansion projects.
- Over 12 years of experience working as a Java/J2EE engineer with strong hold on OOPS concepts and web-based technologies.
- Experienced with the entire Software Development Life cycle (SDLC) process including requirement analysis, conceptual and detail design, development, verification and testing.
- Experience in Agile software development.
- Thorough understanding of OOAD concepts, UML modeling (unified process).
- Hands on experience in developing web based applications using JAVA various J2EE technologies

TECHNICAL SKILLS

Languages	Java, SQL, Python
J2EE Technologies	JSP, Servlets, JSTL, EJB, JDBC, JNDI, JMS, CVS
Web Technologies	XML, XSLT, XPath, XSD, DTD, HTML, JavaScript
Portal Technologies	webMethods, Liferay, AEM
Web Framework	Struts 2/1.2/1.1
Application/Web Server	Web Sphere 6.x/5.x/4.x, Tomcat 5, Web Logic 9.x/8.x/7.x/6.x
IDE Tools	Eclipse 3.3/3.2/3.1, WSAD 5.1.1/4, JDeveloper 10g
Databases	Oracle10g/9i/8i, SQL SERVER 2005/2000/7, DB2, MySQL
Unit Testing Framework	JUnit
ORM Tools	Hibernate 3.0,myBatis
Spring Frameworks	Spring MVC, Spring DAO, Spring AOP, Spring Boot
Database Tools	SQL Developer, Toad, mySQL query browser
Build Tool	Ant, Maven, Gradel
Version Management	CVS, Serena, SVN, GIT,MKS
Design Tool	Rational Rose
Reporting Tool	Oracle Report builder ODS 10g
CI Tools	Jenkins, Hudson, SonarQube

EDUCATION
- **Master of Engineering**, University of North Texas, Denton
- **Bachelor of Engineering**, JNTU, India

EXPERIENCE

Cloudera
Sr.Engineering Manager   **Oct 2016 – Present**
Responsibilities:

- Lead multiple technical teams, with a total strength of 20 including 2 software development managers building a very large scale highly available enterprise PaaS for our customers.
- Actively involved and led product, technical architecture, strategic and executive leadership planning decisions for the team.
- Own the technical roadmap supporting product goals and vision.
- Define engineering technical vision and roadmap while advocating strong engineering principles.
- Expertise and strength in hiring, leading and growing talent within teams and help build vision that facilitates organizational growth.
- Hands-on development and large scale infra/data/code design and architecture.
- Enhance operational workflow using data insights to target deficiencies and implement upgrades.
- Establish processes for collaboration and code quality to help the team operate efficiently
- Contribute to engineering-wide initiatives as a member of Cloudera engineering management team
- Foster team health to create a high-trust and high-performance environment
- Play the role of a player-coach, coding, reviewing other developer's code, and giving feedback and guidance on how to improve the quality of our systems
- Create quarterly objectives for teams that align with the product roadmap and overall departmental vision.
- Optimize efficiency and productivity by streamlining complex workloads and communication plans.
- Perform continuous process evaluation to identify enhancements; update policy and procedure manual.
- Prioritize and resolve issues with Product/Project Managers and manage Agile scrum boards.
- Handle burst capacity project and resource planning.
- Identify company wide mergers and acquisitions technical roadmap and timelines.
- Define devsecops for the engineering team.
- Maintain & manage soc2 compliance and audits for Cloudera.
- Convert OKRs and KPI to technical and engineering tasks. Drive ROI on engineering driven projects.
- Won Cloudera Impact Awards for designing, developing and executing engineering strategies during merger of Cloudera and Hortonworks.

Environment:
Cloudera CDH, AEM, SonarQube, Eclipse, IntelliJ, Qualys, JIRA, GIT, SFDC, Lithium, Jenkins, HBase, Impala, Spark, Kudu, Hue, Flume, Solr, Docker, Terraform, Kubernetes, DynamoDb, Spring Boot, Spring Security.

Lead Software Development Engineer   **July 2012 - October 2016**
BCBSAL
www.bcbsal.org is the online face of the company and is the core customer facing site. With myBlueCross, employees have quick, easy access to personalized information, like claims and health support, which means they'll spend less time searching for answers. The site has helpful tools and information to encourage employees to make informed healthcare choices that help keep costs down. This web application integrates with several legacy applications to display the personalized data.
Responsibilities:
- Involved in end-to-end application development. Worked on requirements gathering, DB design, systems engineering design, environment setup, classes design, development and delivery of the application. Time and resource estimation analysis and drive the project for success.

- Lead a team of 6 onsite and offshore engineers. Designed applications, development walkthrough and business co-ordination. Worked on requirements gathering, application design, development, defect fixing and delivery.
- Designed and developed strategy for **content migration** across the environments.
- Designed and developed an automated system for **content extraction** strategy for extracting, translating and updating content in 170 languages.
- Integration with legacy **CRM systems**
- Designed and developed user profile single page application using **AngularJS**, **Spring 3.0** and **Hibernate**.
- Developed bootstrap layouts for the mobile and desktop view.
- Extensively worked on the **CSS** and **JS** for elegant **UI**.
- Created custom **structures**, **Templates** and page **layouts**.
- Redesigned and developed existing portlets using AJAX for better performance.
- Implemented **performance** metrics using Riverbed and identify the gaps where the performance is clogged. Suggested better ways for improving performance.
- Implemented solar search and indexing based on custom attributes.
- Setup **SAML** for **SSO** between BCBSAL legacy systems as **IDP** and Liferay's bcbsal.com web application as **SP**. Environment setup and customized assertions based on the business needs.
- Designed classes using **UML**. Risk analysis with existing architecture and suggestions based on the client's environment.
- Design and develop user migration strategy from Legacy to Liferay systems.
- Developed applications using **Spring 3.0** as controller and **iBatis** as the backend **ORM.**
- Developed **restful web services** to interact with Liferay and legacy systems.
- Developed several portlets using **Angular JS**.

Environment:
Liferay 6.2.0, Liferay IDE, Jenkins CI, Maven, myBatis, Spring, JQuery, AUI/YUI, SOAP, WSDL, Log4j, DB2 8 ZOS, MySql, SQLServer 2012,WAS8,IIS,HTML,CSS ,Twitter api, Open SAML, ADAM, Restful web service, jQuery, Angular JS, Bootstrap, ehCache, Riverbed, analytics, MKS, SOLR.

FedEx, Irving, TX   **Dec 2011 – July 2012**
Senior J2EE Developer
FedEx.com offers a complete suite of online services for shipment preparation, package tracking, shipment rates and tools tailored to the needs of international shippers and small businesses. FedEx LTL Freight is the new initiative of the FedEx Corporation to ship less than truckload Freight, initially aimed at shipping in and between North American Countries. FedEx application works on layered architecture for simplifying complex problems.
Responsibilities:
- Involved in a complete software development cycle starting from requirement analysis, documenting analysis, and implementation and testing.
- Worked on contracting and consulting different teams in layered architecture.
- Used **JSPs** with **struts2** tags and was involved in the integration into the system.
- Used extensive **JavaScript (MVC pattern)** for display purpose and as well as for **validations**.
- Also involved in using **Ajax** calls.
- Involved in using **JSON objects** from server side to the client side.
- Used object oriented programming concepts of Java Script like **Prototypes** and **Closures** for client side data manipulation and encapsulation.
- Took measures to avoid security vulnerabilities like **cross site scripting** threads.

- Used **Struts2 MVC** (Model-View-Controller) framework for the application.
- Involved in writing **Spring Configuration** file for declarations and other dependent objects declaration.
- Used Oracle database and wrote **JDBC statements** to get connected to the database.
- Involved in calling stored **SQL stored procedures** for validations and in writing complex SQL queries.
- Consumed a **webservice** and involved in building and **parsing XML** documents for displaying in the front end.
- Designed **UML** diagrams using **StarUML**.
- Used design patterns like **Singleton** and **Façade**.
- Used **Log4J** for logging messages.
- Involved in using the SVN subversion version control system for check-in and check-out of the code.
- Was involved in deployment of the application on **Weblogic** Application Server.
- Involved in writing test cases using **JUnit** for testing the application.

Environment: Spring 3.0, JSP1.2, Struts2,Servlets2.1,JSON, XML, SOAP, UDDI, WSDL, JDBC, JavaScript, AJAX, UML, HTML, JNDI, Log4J, JUnit, Windows 7, Apache Tomcat 6.0, Eclipse, Toad,Oracle 10g,HP QC.

Regence-BCBS, Portland, OR   **Aug 11 – Dec 11**
Senior J2EE Developer

Description: The companies comprising the Blue Cross Blue Shield Association (BCBSA) are among the country's oldest and largest providers of prepaid health insurance coverage .Regence is an independent licensee of the BCBSA, the national coordinating body for the federation of independent Blue Cross and Blue Shield plans. As an independent licensee, Regence is assigned a specific area to market its products. Independence Blue Cross and its subsidiaries are the Oregon region's largest health insurers. This project involves the development of a Web based application for customers. The customer can access complete account information online, process insurance claims and authorize claims, check for benefits, claim rewards. Customers have the benefit of online renewals and payment uploads.

Responsibilities:
- Involved in various phases of **Scrum Software Development Life Cycle (SDLC).** Used **Rally** to update the scrum process.
- Interacted directly with the stakeholders for their inputs in Sprint sessions.
- Implemented the application using **Spring** Model View Controller design pattern.
- Used the Struts validation and Tiles Framework in the presentation layer.
- Developed user interface using **JSP, Struts Tag Libraries** to simplify the complexities of the application.
- Extensively worked on **AJAX** calls to the server. Used **JSON** for data handling on the client side.
- Extensively used **JQuery** to give a sophisticated UI feel.
- Developed the different components of application such as **JSPs, Servlets, EJB's** using **Eclipse** and used **GIT** for version control.
- Extensively used **Hibernate** in the data access layer to implement persistence.
- Created and consumes Axis webservices.
- Created **Axis Web Service** clients to call remote methods to fetch data.
- Used **RADAR** to fetch and manage documents from the application.
- Used **SAML** assertion 2.0 to seamlessly login the partner systems.
- Designed various tables required for the project in **Oracle 10g** database and used the **Stored Procedures** in the application.
- Performed unit testing using **JUNIT** framework.

- Used **Maven** to build the application on Apache Tomcat server.
- Deployed application on different environments for development, sandbox and UAT purposes.
- Monitored the **error logs** using **Log4J** and fixed the problems.
- Documented the training manuals required for technical and non-technical staff in internal wiki.

Environment: Hibernate3.0, Spring 3.0,EJB 3.0, JSP1.2, Servlets2.1, JMS, Open SAML, XML, SOAP, UDDI, WSDL, JDBC, JavaScript, AJAX, UML, HTML, JNDI, Rally, Radar, Log4J, JUnit, Windows 7, Apache Tomcat 6.0, Eclipse, Toad,Oracle 10g.

South Florida Water Management District, FL   **Jan 10 – Aug 11**
Senior J2EE Developer
South Florida Water Management District is a Federal and State Govt. funded agency to conserve water and wildlife in the state of Florida. The agency is responsible for managing and protecting water resources of South Florida by balancing and improving water quality, flood control, natural systems and water supply. A key initiative is the restoration of America's Everglades – the largest environmental restoration project in the nation's history. They have several web based internal and external applications built in the J2EE platform for their operations. Worked in-house application development and support team
Responsibilities:
- Involved in various phases of the Software **Development Life Cycle (SDLC).**
- Generated Use case diagrams, Class diagrams, and Sequence diagrams using **Rational Rose**
- Developed the different components of application such as **JSPs, Servlets, EJB's** using **JDeveloper 10G** and **11G** and used **Serena** for version control.
- Implemented the application using **Jakarta Struts Framework** which is based on Model View Controller design pattern.
- Used the Struts validation and Tiles Framework in the presentation layer.
- Developed user interface using **JSP, Struts Tag Libraries** to simplify the complexities of the application.
- Extensively worked on **AJAX** calls to the server. Used **JSON** for data handling on the client side.
- Used **JQuery** to give a sophisticated UI feel.
- Used EJBs in the application and developed **Session beans** to house business logic at the middle tier level.
- Extensively developed **Oracle Reports** for applications with report integration.
- Extensively used **Hibernate** in the data access layer to access and update information in the database.
- Configured .hbm and .cfg.xml files according to hibernate framework.
- Worked on migration of code from Oracle Application Server (**oas**) to **Jboss**.
- Used **Web Service** to receive the credit card information of the consumers.
- Used **JMS API** for asynchronous communication by putting the messages in the Message queue.
- Implemented various design patterns in the project such as **Business Delegate, Session Façade, Data Transfer Object, Data Access Object, Service Locator and Singleton**.
- Designed various tables required for the project in **Oracle 10g** database and used the **Stored Procedures** in the application.
- Performed unit testing using **JUNIT** framework and used Struts Test Cases for testing Action Classes.
- Used **ANT** scripts to build the application and deployed on **Jboss Application Server**.
- Monitored the **error logs** using **Log4J** and fixed the problems.

Environment: Struts 1.2.4, Hibernate3.0, Spring 3.0,EJB 3.0, JSP1.2, Servlets2.1, JMS, XML, SOAP, UDDI, WSDL, JDBC, JavaScript, AJAX, UML, HTML, JNDI, Serena, Log4J, JUnit, Windows 2000 ,Oracle application server 10g,Jboss 5.0, Jdeveloper 10G and 11G , Rational Rose, Oracle Development Suite 10g.

EquityMetrix LLC. Dallas, TX   **May, 2010 - Dec 2010**
Position: Software Developer Intern
   EquityMetrix LLC is an independent, privately funded firm serving oil & gas operators, mineral interest owners and energy investors. It is the leading expert in land data management and revenue recovery. Experts in data mining and forensic accounting tools specifically designed to analyze and organize clients' E&P records. It has tools to help them close faster and recover millions in lost revenue on their properties.
Responsibilities:
   ● Develop, Maintain and Upgrade the existing Rails Application that involves configuring required plug-ins
   ● Testing different Authorization techniques and its enhancements to the Application and thus implementing the best fit
   ● Clear understanding of MVC structure of Rails Framework
   ● Implemented building a local CMS for the application, thereby making the creation of new web pages easy for the non-developers
   ● Implemented RESTful Web Services to the application
   ● Implemented Apache and Thin for servicing Rails requests of the application
   ● Implementing different integrations to the existing Application, thereby making it more user friendly
   ● Working with third party data and work on Agile Development Methodology
   ● Providing Application Support and Maintenance
   ● Perform research and analysis on needs and possibilities
   ● Testing the implemented enhancements on the application
   ● Design and Implement databases and database changes to support new features and enhancements
   ● Playing an active role in discussing the evolution of the project
   ● Involved in all phases of SDLC

   Environment: Ruby, Ruby on Rails, Ajax, JetBrains RubyMine, PostgreSQL, GIT, HTML, CSS

University Of North Texas   **Aug 2009 – Dec 2010**
Teaching Assistant
Responsibilities:
   ● Tutoring students in the College of Business Administration on Computer related subjects like MS Project, Excel and Access DataBase.
   ● Assisting professors in grading assignments.

Midwestern State University   **Jan 2009 – May 2009**
Student Worker webmaster for the university website
URL: http://www.mwsu.edu

Responsibilities:
   ● Creating and cleaning the HTML code of websites.
   ● Creating and uploading forms and documents on the website.
   ● Maintained a database of the university contacts.

Infosys Technologies Ltd., India

Client: TPG Capital, L.P., Fort Worth, TX   **May 08 – Jan 09**
Senior J2EE Developer
Project: Investment management Application
TPG Capital (formerly Texas Pacific Group) is one of the largest private equity investment firms globally, focused on leveraged buyout, growth capital and leveraged recapitalization investments in distressed companies and turnaround situations. TPG also manages investment funds specializing in growth capital, venture capital, public equity and debt investments. The firm invests in a broad range of industries including consumer/retail, medical and telecommunications, industrial, technology, travel/leisure and health care. This Project was a Web Based Application Development for the investment consumers .New Customers can apply for the investment options available. Existing customers have complete access to other investments, manage their accounts and control investments. They can completely manage their account online.

Responsibilities:
- Involved in **data gathering** during the business analysis and planning phase of the project.
- Used UML to design various data models including data flow diagrams, workflow diagrams, sequence diagrams and interaction diagrams.
- Extensively used **Spring MVC** framework to develop the web layer for the application. Configured DispatcherServlet in web.xml.
- Implemented **controller** (abstract) and mapped it to a url in .servlet.xml file. Implemented JSP corresponding to the controller where the data was propagated into it from the model and view object from the controller.
- Developed **interfaces** and bean implementations for the same for propagating data on the JSPs.
- Wrote **spring configuration files** for the beans defined and properties to be injected into them using spring's **Dependency Injection.**
- Used **Spring's AOP** to implement logging and getting data source objects as the advice that was woven in the bean classes. Wrote separate dedicated classes to implement logging functionality and to get data sources objects. **Log4j** was used to implement logging.
- Developed a **SAX** parser to parse the .xml file to extract the user data to be stored in the database.
- Developed POJO objects corresponding to the database schema and implemented persistence in the business logic using **Hibernate.** Developed configuration files corresponding to beans mapped and backend database tables.
- Deployed the application on **BEA Weblogic Server**.
- Used **JUnit** for testing the application.
- Documented the training manuals used for the training sessions both for technical and non-technical staff.

Environment: Spring 2.0 MVC, Oracle9i, Weblogic 8.1, XML, EJB, JSP, HTML, JUnit 3.8.1, Hibernate 2.0, JavaScript, Eclipse 3.2, SQL Developer.

Infosys Technologies Ltd., India
Client: Baker Hughes, Houston, TX   **Jan 08 – Apr 08**

Java/J2EE Developer
Baker Hughes is one of the biggest oil and natural gas companies. The application is a release tracking system which allows user to integrate the different resource release information into a single platform, and it capture all the applications and in detailed information about each and every application details from different systems like service request and confirmation codes, and configuration management serial ids, and modules, and life cycle dates, and regions. It also generates the different kinds of reports for the release.

Responsibilities:

- Involved in **gathering** and **analyzing** user requirements.
- Responsible for the **designing (UML's Unified process), coding** and **developing** the application.
- Involved in modeling business modules using OOD methods such as Use case diagrams, sequence diagrams, Input/Output diagrams, data flow diagrams, workflow diagrams, and state flow diagrams.
- Developed the **JSP** pages for presenting claims data.
- Developed **entity bean** classes for the claims data.
- Used Struts framework as part of MVC Architecture.
- Deployed the **.ear** file on **Web Sphere Application Server**.
- Developed **Business Services** objects to be registered with JNDI.
- Configure **JNDI** and **JDBC** resources in Web Sphere
- Wrote stateless Session Beans for the data model, built java application using **ANT**.
- Extensive **JavaScript** utilization for **Business Rules** and **Client side validation.**
- Involved extensively in Design & Development to support more than one client, language in the application.
- Generated WSDLs for defining a web service and defined SOAP message to communicate with external **web services**.
- Used CVS for software configuration management and version control and used **Winscp** as the tool to download files from Unix servers.
- Helping Quality Control Team in preparing **Test Scripts**, which involved writing test cases and **Documentation**.
- Documented the training material, prepared the training manuals used for the training sessions both for technical and non-technical staff.

Environment: JSP, EJB 2.1, Java Beans, JNDI, XML, HTML, JavaScript, UML, SOAP, Web Sphere 5.1, WSAD 5.1.1, Oracle 9i, Rational Rose.

Infosys Technologies Ltd., India
Client: Sainsbury's Bank, London, UK   **Jun 07 - Jan 08**
Java Developer
Project: Loan/ Mortgage Processing System
This is an N-tier system built for a financial institution to automate and process their Mortgage business. The system allows end users (vendors/ brokers) to input/ submit their loan application in various forms, i.e. the residential loan, brief project plan, mission plot etc. The user can upload the loan application to the system and system downloads parses and formats the same and generates the final output which directly goes to a Loan Processing System which provides the further processing to the loan inputs. They are the second category of users. The System is having following three modules as main, FNMA to Generalized XML Conversion, Validation of Generalized XML - Using DTD, Generalized XML to Client Specific XML Conversion. The system accepts the file in Fannie Mae proprietary flat file format from POS (Point of Sales) terminals of approved vendors/brokers, and converts into a Generalized XML format using FNMA to XML Converter which uses specific parsing rules and protocols. Then the validation takes place for format/ range/ valid input using a schema and Custom Java Components. Once the validation is over, approved data would get converted back to XML to display to the client
Responsibilities:
- Reviewed the design document and developed use case, design class and sequence diagrams for the same with **MVC architecture** in mind.
- Involved in the development of **JSPs** and static **HTML** pages for the application.
- Actively involved in Java sessions with partner sites and clients to design the product and to integrate the product with existing application
- **Client side validation** using JavaScript.

- **WSAD** was used during application development.
- Configured WebSphere to connect to DB2 database and worked over the **schema design** for the application.
- Performed **Unit testing** on the SOS Client module.

Environment: Java 1.4, JSP, EJB, JavaScript, HTML, WSAD 4.0, Web Sphere 4.0, DB2.