

Senior Full Stack Java Developer

Bhoomesh Nalla

✉ nbhoomeshreddy@gmail.com

☎ +91 96 181 59 621

📍 Hyderabad, India

in [linkedin.com/in/bhoomeshreddynalla](https://www.linkedin.com/in/bhoomeshreddynalla)

OBJECTIVE

- 7 years of diversified agile experience in product-based and service-based applications development in all phases of software development life cycle (SDLC) which includes system analysis, technical design, development, testing, performance tuning
- Proven ability to leverage full-stack knowledge and experience to build end-to-end applications using various technologies such as **JAVA/J2EE, Angular, Spring framework (Spring boot, Spring IOC, Spring JPA, Spring JDBC, Spring MVC), Hibernate, Struts, SQL, Type Script, JSON, HTML, CSS, Vis JS, JqGrid, JQuery**
- Extensive expertise in micro-services development and front-end development
- Experience in preparing detailed design document, conceptual data models and UML diagrams
- Proven experience with RDBMS systems such as **Oracle, MySQL, PostgreSQL**
- Working knowledge on NoSQL database **CouchDB**
- Proficient at using servers **Tomcat** and **JBoss**
- Experience in using tools **STS, Eclipse, VS Code** and **SQL Developer**
- Good experience with version control systems such as **GIT, SVN** and **Bit Bucket**
- Proven skill in QE code review submission, project statistics monitoring by using **Kraken** and **Jenkins** tools.
- Excellent at using Agile-Scrum, Waterfall methodologies.
- Excellent knowledge and experience of developing applications with Model View Controller (**MVC**) Architecture.
- Strong analytical, problem solving, organizational and planning skills
- Proven ability and experience in **leading a team** by providing healthy and innovative environment
- Strong written and verbal communication skills
- No technology constraints, resourceful, result & quality driven and self-motivated
- **Having immense work ethics and culture**

EXPERIENCE

- 📁 **ADP Pvt Ltd, Hyderabad, India**
As Senior Member Technical, Nov 2017 - Present
- 📁 **HTC Global Services, Hyderabad, India**
As Software Engineer, Dec 2015 - Nov 2017
- 📁 **CNSI Pvt Ltd, Chennai, India**
As Senior Software Engineer, Jul 2013 - Dec 2015
- 📁 **Enterpts IT Services Pvt Ltd, Hyderabad, India**
As Software Engineer, Sep 2012 - Jul 2013

EDUCATION

- Master of Computer Applications**
Osmania University,
70% Grade, 2009-2012
- Bachelor of Science**
Osmania University,
81.7% Grade, 2006-2009
- Intermediate Education**
Board of Intermediate A.P.
90.4% Grade, 2004-2006
- Secondary School Education**
Board of SSC A.P.
87.3% Grade, 2003-2004

SKILLS

JAVA	Micro Services	Angular	Spring
Spring Boot	Spring IOC	Spring MVC	Spring JPA
Spring JDBC	Spring REST Webservices	Hibernate	Struts
Servlets and JSP	JDBC	JQuery	JSON
Vis JS	Java Script	Type Script	JqGrid
HTML/CSS	JUnit	PIT Mutation	Mockito
Easy Mock	ECL-Emma	SQL	MySQL
Oracle	PostgreSQL	Couch DB	Eclipse
STS	VS Code	SQL Developer	GIT
Bit Bucket	SVN	Maven	Jenkins
Tomcat	JBoss	Agile	Scrum
Kraken	Design Patterns	Log4J	CA Rally
ESAPI	Gson	Jackson API	JPA
Sonar			

TRAVEL AUTHORISATION

- 📁 **Authorized to travel on B1 visa to USA**

PROJECT EXPERIENCE

Project #1

Product Title: Vantage – Human Capital Management

Duration: Nov 2017-Till Present

Role: POC & Senior Full Stack Developer

Tech Stack: Java, Spring Boot, Spring JPA, Angular, REST Webservices, Oracle, JUnit, PIT mutation, Micro Services, Typescript, HTML, Maven, GIT, CA Rally, Jenkins

Project Description: ADP Vantage HCM is an enterprise software that helps an organization execute business process in the business areas to help organizations achieve their employee needs. ADP Vantage HCM is more than a software offering because our customers can and normally do purchase additional services that go beyond software to assist them in executing their business processes. These business processes are usually broken into six high level business areas talent acquisition (recruiting), human resources, payroll, benefits, talent management and time & attendance. The goal of these processes is to maximize the skills of the employees to achieve the best possible efforts from employees.

Roles and Responsibilities:

- I have contributed in entire SDLC per sprint in Agile-Scrum model.
- I have done R&D for the UI components
- Involved in end-to-end portlet development as a Full Stack Developer
- **Requirement Analysis:**
 - ⇒ Actively involved in requirement gathering and analysis discussions with PO and team
 - ⇒ Participated in requirement reviews
- **Design & Documentation:**
 - ⇒ Involved in design planning along with PO and UX team
 - ⇒ Contributed in design planning as part of FF3
- **Development:**
 - ⇒ Played a key role as a Senior Full stack developer at both UI and backend
 - ⇒ Developed components and code for complex modules in the project
 - ⇒ Involved in development of complex UI components
 - ⇒ Contributed in writing complex services at backend
- **Code review:**
 - ⇒ Actively involved and had discussions with team during the code review
 - ⇒ I have done peer-to-peer code reviews
- **Test Cases / PIT / Mutation:**
 - ⇒ I have written unit test cases
 - ⇒ I have introduced PIT mutation in my current project from experience
 - ⇒ Involved in delivering the project with 90% mutation coverage and 95% code coverage
- Closely monitored Build & Deployment process
- I have given demos to PO and UX team as part of acceptance
- I have contributed for system testing, integration testing, acceptance testing as part of Agile model
- I have done cross browsers testing

Project #2

Title: GFS (General Finance Systems)

Client: Statefarm, USA

Duration: Dec 2015-Nov 2017

Role: Lead & Senior Full Stack Developer

Tech Stack: Java, Spring Boot, Spring JDBC, JSP, STS, Postgres, jQuery, JqGrid, JSON, Maven, GIT, Kraken, Jenkins, JUnit, PIT mutation, Tomcat, Vis JS, CouchDB, Jackson API, GSON, ESAPI

Project Description: This is a dashboard tool for business and batch users in General Finance Systems (GFS), State Farm. As part of the State Farm Payment Plan system process, batch jobs should be executed for payments made with some business validations. This tool will allow users to do operations involved in this process through a web application. This tool has 4 major modules as follows.

- I. **Dashboard:** This allows users to perform core functionalities like Environment Setup, Build, Execution, Reset, Perform Binds, Component Validation, Compare Execution, Reset, Bypass, Resubmit.
- II. **Batch Network Designer:** This will allow users to design the network graph for SFPP batch flows. This information will be stored in Couch DB. When user wants to execute it, information will be passed to main frame using secure FTP connection which is built on Java platform.
- III. **Batch Admin:** This is an admin module for the application through which users can add, modify, delete the data such as GDG, DB2 modules, flows and jobs, Regional flows.
- IV. **Utility Dashboard:** This allows user to perform payment related functionalities such as Mockup, Cleanup, Data Prep, Onetime Jobs, Criteria Tables, Replication, Delete Payments, Policy search.

Roles and Responsibilities:

- Involved complete project development, starting from Design to Delivery
- Worked as a Senior Full Stack Developer and Team Lead.
- Provided solutions and design for complex problems and framework components
- **Requirement Analysis:**
 - ⇒ Actively involved in requirement gathering and analysis discussions
 - ⇒ Documented specifications that are well organized, clearly expressed and tested
 - ⇒ Participated in requirement reviews and prepared wireframes
- **Design & Documentation:**
 - ⇒ Prepared CSD-Component Specification, CDD-Consolidated Design Documents
 - ⇒ Prepared UML diagrams like class diagrams, sequence diagrams, system topology
- **Development:**
 - ⇒ Contributed for the framework to establish communication between Java and Mainframe using secure FTP connection, submit jobs host system and capture results
 - ⇒ Built a parser factory using Factory Design Pattern for different host outputs
 - ⇒ Did initial R&D to load JQGrid with dynamic data using JSON service
 - ⇒ Involved to build a manipulation interface to allow user to design/define batch network on UI
 - ⇒ Written module to store the network dependencies in CouchDB as JSON doc
 - ⇒ Built Java API to retrieve JSON doc from couch and build host formatted job
 - ⇒ Developed components and code for complex modules in the project
- **Complex Challenges:**
 - ⇒ Built a framework to send receive files/data between Java and Mainframe in secure channel
 - ⇒ Designed a POC (Proof of Concept) of time for the network graph designer and presented to the client. Provided complete solution for the entire module
- **QE Code review:**
 - ⇒ Took sessions on QE design patterns and standards. Performed peer code review
 - ⇒ Actively involved and had discussions with QE team during the code review
 - ⇒ Guided team to align code as per the review comments
- **Test Cases / PIT / Mutation:**
 - ⇒ Lead the team to deliver the project with 96% mutation coverage
 - ⇒ Responsible for activities like Continuous integration, Sonar build, Tracking the status, Explaining Mutation coverage to team
- **Source Control - GIT:**
 - ⇒ Maintained project repository branches for different development phases
 - ⇒ Maintained control branch and user access to repository branches
- **Build & Deployment:**
 - ⇒ Monitored Maven build status on Dev Environment
 - ⇒ Deployed the code into Linux Machine/Cloud for Development Environment

- **Team Management:**

- ⇒ Planned, Allocated, Monitored and reviewed all components being developed by team and suggested code changes to make finished modules defect free.
- ⇒ Conducted daily standup meetings with the team to understand the assigned task status along with any challenges
- ⇒ Motivated Developers and took sessions on critical implementations and coding standards. Helped team members in solving issues.

Project #3

Title: IMPACT

Client: State of Illinois, USA

Duration: May 2014-Dec 2015

Role: Senior Developer

Tech Stack: Java, Spring, Hibernate, JSP, Oracle, Eclipse, JUnit, Log4j, SVN, JavaScript, ECL-Emma, Maven, JBoss, Clear Quest.

Project Description: IMPACT is a health care system developed for maintaining the Medicaid program of Illinois State in the USA. This system allows the poor and senior citizens to enroll as members, allows the service provider (doctors, hospitals, lab technicians, ambulance services, etc) to enroll. The member can visit the doctors/hospitals and get services; the providers will submit the claims to the system through mail/electronically/on line through web. The system will validate the claims, prices the services, applies a predefined set of business rules and disposition the claims. The payment process will evaluate the claims further and pay the providers.

Roles and Responsibilities:

- Handled the planned module development as POC.
- Participated in requirement gathering and analysis discussions for planning module
- Involved in story points preparation and planning for the sprints.
- Involved in understanding, analyzing and communicating with client-side coordinator for the various clarifications as per the requirement.
- Developed modules and customizing the code as per requirements.
- Taken complete ownership for the complex modules PA, BA. Provided support for other modules.
- Responsible for updating CQ (Clear Quest) daily, standard protocol documents, Weekly Consult track.
- Involved in writing and executing Unit Test Cases.
- Involved in Integration Testing and system testing

Project #4

Title: CHAMPS (Community Health Automated Medicaid Processing System)

Client: State of Michigan, USA

Duration: Jul 2013-May 2014

Role: Developer

Tech Stack: Java, Spring, Hibernate, JSP, Oracle, Eclipse, JUnit, Log4j, SVN, Java Script, ECL-Emma, Maven, JBoss, Clear Quest.

Project Description: CHAMPS is a health care system developed for maintaining the Medicaid program of Michigan State in the USA. This system allows the poor and senior citizens to enroll as members, allows the service provider (doctors, hospitals, lab technicians, ambulance services, etc) to enroll. The member can visit the doctors/hospitals and get services; the providers will submit the claims to the system through mail/electronically/on line through web. The system will validate the claims, prices the services, applies a predefined set of business rules and disposition the claims. The payment process will evaluate the claims further and pay the providers.

Roles and Responsibilities:

- Participated in requirement gathering and analysis
- Involved in understanding, analyzing and communicating with client-side coordinator for the various clarifications as per the requirement.
- Handled the planning module development as a developer.

- Developed modules and customizing the code as per requirements.
- Involved in developing the complex modules like PA, Claims. Provided support for other modules.
- Involved in writing and executing Unit Test Cases.
- Involved in Integration Testing and system testing

Project #5

Title: Health Care Management System

Client: BJC, St. Louis MO, US

Duration: Sept 2012-Jul 2013

Role: Developer

Tech Stack: Java, Struts, Hibernate, JSP, MySQL, Eclipse, JUnit, Log4j, SVN, Java script, Maven, Tomcat.

Project Description: This web application product deals with the designing and execute for the complete maintenance of the Health Care of Hospital organization. Modules were designed for various departments and process such as Consultant, Patient, Front office, Nurse, System admin, Super admin details etc. It also involved report generation for the same. This project involves in development of web-based internet application that maintains hospital related details for hospital's management. This application would help the organization to maintain details of each employee, patient etc., precisely in Database, which can be retrieved easily whenever necessary.

Roles and Responsibilities:

- Involved in developing business logic in DAOs using hibernate.
- Involved in Design and Development of the user interface (UI) using JSP and Struts.
- Internationalization of whole application using Struts Framework.
- Implementing Struts Tiles and Struts Validation Framework.
- Involved in development of role-based authentication and authorization module.
- Writing and executing Unit Test Cases.
- Executing test cases provided by onsite coordinator.