

Gaurav Kumar

Professional Summary

- 3+ years of IT experience developing and designing applications using Java, Spring boot, Angular technologies
- Well experienced with the entire Software Development Lifecycle (SDLC)
- Expertise in Agile (Scrum Master, Iterative), Waterfall
- Expertise in Object Oriented Analysis and Design (OOAD) using UML
- Strong experience in implementing **Java, JSP, Servlets, JPA, EJB, XML, JSF, Struts, Spring, Hibernate, JQuery, AJAX, JSON, Angular.**
- Acquaintance with on modern front-end frameworks for JavaScript including Bootstrap, JQuery, Angular, Typescript etc.
- Experience in developing web application layer using Spring MVC, Spring Core, Spring IOC, Spring boot, Struts.
- Well experience in implementing **RESTful** and **SOAP** web services
- Experienced in architectural issues and their solutions using various design patterns such as MVC(Model-View-Controller), Singleton, Factory, Builder, Session Façade, Factory, Service Locator, DAO, DTO and Business Delegate.
- Experienced in implementing Service Oriented Architecture (SOA) with designing and developing RESTful web services
- Proficient in software development techniques like Inversion of Control (Dependency Injection) and Aspect Oriented Programming (AOP) using spring.
- Extensive Knowledge on databases like Oracle, PGSQL, MySQL, REDIS, MongoDB etc. and RDS
- Extensive Knowledge of Maven for project build/test/deployment, Log4j for logging and JUnit for unit and integration testing.
- Experience in using Github, Gitea for version control
- Well experienced in using DevOps tools and Scripting languages like **Shell Script, AWS, Docker, Kubernetes**
- Excellent analytical ability, consultative, communication and management skills.
- Self-motivated, easily adaptable to new environments and ability to work independently as well as in small groups.

Education:

- Masters of Business Administration in HR & IB from Dr A. P. J. Addul Kalam Technical University, Uttar Pradesh.
- Bachelor of Technology in Computer Science & Engineering from Dr A. P. J. Addul Kalam Technical University, Uttar Pradesh.

Technical Skills

Java/J2EE Technologies	Java, EJB, JSP, Servlets, Web services [SOAP, RESTful] , JNDI, Ant, Log4j
UI/ Web Technologies	HTML/HTML5,CSS/CSS3,Bootstrap, JavaScript, AJAX, JSON, JQuery, XML, Angular
UI Patterns	MVC, MVVM, MV*
App/Web Servers	Tomcat
Operating Systems	Windows 98/NT/2000 & UNIX, Ubuntu, Mac OS
Database	ORACLE 8i/9i, POSTGREYSQL, MYSQL
GUI	Eclipse, STS, VSCode
Frameworks	Springs, Struts, Hibernate, Angular
Version control	Git, Github, Gitea

Development Experience:

CRADIANT IT SERVICES PVT LTD

Incident Management Portal For Leading IT services and IOT solution provider company

Oct 2022 till date

Dev Lead, Java Developer

Service Engineers perform most tasks related to application maintenance, including many redundant administrative tasks. There are around 23 different applications to be accessed and more than 175+ data points that need to be input to complete the activities of Service Engineers.

There are issues with duplication of data across systems, rework of redundant data entry, and lack of metrics associated with the current As-Is system and config management. IMS Portal is an Online Tool as a one-stop shop for service engineers and other associates to complete their day-to-day activities.

The creation of a centralized application provided service engineers with the ability to create, maintain, and track all activities efficiently. The IMS Portal provides 2-way communication with various application owners and users.

Responsibilities:

- Involved in business requirements discussions.
- Prepared Low-Level design documents for assigned work.
- Developed REST-based Web Services for Integrating with the Enterprise Information System
- Implemented Struts, Log4j framework for controller, service, and logging mechanism.
- Used Business Delegate, Data Access Objects, MVC design patterns
- Generated reports using BIRT Reporting tool
- Implemented object/relational persistence for the domain model.
- Responsible for designing and coding of User Interfaces using **Angular** along with frontend developer.

Environment: Java, Spring Boot, Angular, MySQL, BIRT Reporting tool

Red Bixbite Solutions Pvt**CICD pipeline management and Orchestration tool for a large IT company****Sr Java Developer, Project Lead**

Mar 2022 to Sep 2022

Working on development of portal for AWS virtualization and hybrid cloud management tool – Kube Orchestrator. Using Java application and shell script for making REST web service calls to perform the server hardware and management operation like applying server profiles upgrading firmware and virtualization, docker and Kubernetes deployments etc.

Responsibilities:

- Created the script objects representing the server infrastructure like Enclosures, Server Profile templates.
- Designed and Developed Server side objects using Java, Spring boot.
- Developed **REST** webservices for data consumption.
- Developed java objects to fetch the data from REST services.
- Developed JUnit Test cases for unit testing.
- Involved in Code reviews using Sonar.
- Extensively used Angular front end technologies for developing the UI pages.
- Used the Angular validation framework for front end validations.
- Extensively worked on the CSS and JavaScript side of the application.
- Worked with different Browser development tools such as firebug and chrome dev tools.
- Developed the presentation layer using Angular, JSON, Bootstrap, JavaScript, HTML5, AJAX, jQuery, Json etc.
- Used Agile development methodology for all software processes in the project.
- Used RESTful web service for front end and backend integration.
- Developed java controllers to support the backend side of the application.
- Performed unit testing, bug fixing, and User acceptance testing with test cases.
- Used best practices for coding and documentation.
- Used JUnit testing methodology for creating class and integration test cases.

- Used Log4j for logging errors, messages and performance logs.
- Used **Angular UI** for **ng-grid**, and **UI** components.
- Created project using **MAVEN** artifacts.
- Used Jira **Kanban** as an agile, defect tracking and project status tracking system in the project.
- Managed code for different releases by branching and merging using **Git**
- Used **Jenkins** tool for automatic build and deployment.

Dev Environment: Core Java, JavaScript, Angular, HTML/HTML5, CSS/CSS3, REST Web Services, VMware cloud management tools, Spring tool suite, Maven, GIT, gitea

Red Bixbite Solutions Pvt
Integration Platform for a large IT company
Sr Java Developer, Project Lead
Jun 2021 to Feb 2022

GEMS-The project is all about the real-time, concurrent and batch mode integration requirements between modern applications. It uses API integration, DB integration be it SQL or NOSQL DB, and webhook integration feature to connect various applications on cloud, on-Premise or hybrid. This makes it a must-have tool for an IT ecosystem that has a huge IT footprint and multiple systems in its periphery.

Responsibilities

- Built user interface with UI Bootstrap and custom CSS styling with the other front-end developers in the team.
- Designed and developed REST ful APIs in Java using Spring, Hibernate, and Maven
- Designed and developed web front-ends for APIs in Angular
- Enhanced user experience by designing new web features using MVC Framework like Angular, Bootstrap, and Node JS, accommodating these advanced and fast technologies.
- Used Angular Frameworks in the development of the web applications.
- Spring framework is used to implement Inversion of Control (IOC) and Data Access Object (DAO).
- Developed Servlets and JSPs based on MVC pattern using Struts framework and Spring Framework.
- Implemented navigation bar as a custom directive of AngularJS Framework so that it can be reused on different templates.
- Bound the data to the different views after fetching the JSON formatted data from back-end web services by consuming AJAX calls.
- Debugged the application using Firebug to traverse the documents and manipulated the Nodes using DOM and DOM Functions using Firefox and IE Developer Tool bar for IE.
- Developed the login and registration module and used the jQuery Validation Plugin for the form validation.
- Worked on multiple cross browser compatibility issues to support browsers according to the business requirements, including Firefox, Google Chrome, Safari, and IE(>8).
- Used debugging toolkit FireBug, Chrome Dev Tools, IE Tester, etc. to track and fix bugs.
- Provided connection to social websites with feedback features by using JavaScript.

- Utilized version control tool GIT to work on the same code-base in the repository with the other team members.
- Implemented the front end of the application using Spring boot.
- Used Spring framework configuration files to manage objects and to achieve dependency injection.
- Involved in developing custom components using **JQuery**
- Used Hibernate to access My SQL database and implemented connection pooling.
- Communicated with multiple parties/teams to resolve technical requirements based upon business requirements.
- Involved in multitier J2EE design using Spring IOC architecture and developed PL/SQL scripts to fetch and update Oracle database.

Environment: Java, Eclipse, STS, Webservices, Angular, Bootstrap, HTML/HTML5, CSS/CSS3, JavaScript, JSON, jQuery, spring boot, AJAX, Hibernate, GIT, Oracle 10G, MYSQL, PGSQL, MongoDB, REDIS, MS SQL

CRADIANT IT SERVICES PVT LTD

Billing Engine for Largest SeaPort in Southeast Asia

Mar 2020 to Jun 2021

Java Developer

One of the largest seaports in southeast Asia that cater millions of services to ships and vessels on monthly basis, needed a billing engine that will generate order estimates and invoices quickly. Once the ship is ready to leave the port bill gets generated and integrated into Oracle Apps for payable processing. The present project governs the complete billing cycle of the port management company.

Responsibilities:

- Involved in business requirements meetings
- Developed java components using Java, EJB, Struts, SpringBoot, Hibernate, JPA
- Developed RESTful webservices using Jackson framework
- Developed Stateless EJBs and Involved in writing JPA entities.
- Developed Controller based logic using Struts and Spring
- Implemented Service layer components using EJB, Spring
- Implemented persistence layer using Hibernate
- Used Session Façade, Business Delegate, Front Controller, Singleton Design patterns
- Responsible for giving demo to the business group
- Co-ordinated with Testing groups in Test Plans
- Status updates to the management.
- Designed and developed UI screens in Angular along with frontend development teams to provide interactive screens to display data

Environment: Java, Servlets, Spring, JSP, Hibernate, AJAX, BIRT Reporting tool