

# Gaurav Kumar

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## Professional Summary

- 1+ years of IT experience developing and designing applications using Java, Spring boot, Angular technologies
- Well experienced with the entire Software Development Lifecycle (SDLC)
- Strong experience in implementing **Java,JPA, XML, Spring, Hibernate, JSON, Angular.**
- Experience in developing web application layer using Spring MVC, Spring Core, Spring IOC, Spring boot.
- Well experience in implementing **REST API** web services
- Experienced in architectural issues and their solutions using various design patterns such as MVC(Model-View-Controller), Singleton, 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 MySQL, REDIS, 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. Abdul Kalam Technical University, Uttar Pradesh.
- Bachelor of Technology in Computer Science & Engineering from Dr A. P. J. Abdul Kalam Technical University, Uttar Pradesh.

## Technical Skills

Java/J2EE Technologies	Java, Web services [RESTful] , Log4j
UI/ Web Technologies	HTML/HTML5,CSS/CSS3,JavaScript,JSON, JQuery, Angular
UI Patterns	MVC
App/Web Servers	Tomcat
Operating Systems	Windows 98/NT/2000 & Mac OS
Database	MYSQL
GUI	Eclipse, STS, VSCode
Frameworks	Springs, Hibernate, Angular
Version control	Git, Github, Gitea

## Development Experience:

### Red Bixbite Solutions Pvt

#### CICD pipeline management and Orchestration tool for a large IT company

#### Dev Lead, Java Developer

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** webservice for data consumption.
- Developed java objects to fetch the data from REST services.

- Developed JUnit Test cases for unit testing.
- 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.
- Developed the presentation layer using Angular, JSON, JavaScript, HTML5, jQuery, Json etc.
- 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.
- Created project using **MAVEN** artifacts.
- Managed code for different releases by branching and merging using **Git**

**Dev Environment:** Core Java, Spring data JPA, Hibernate, Spring Security, JavaScript, Angular, HTML/HTML5, CSS/CSS3, REST Web Services, Spring tool suite, Maven, GIT, gitea

## **Red Bixbite Solutions Pvt**

### **Integration Platform for a large IT company**

#### **Java Developer**

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).
- 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.
- 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).
- 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.

**Environment:** Java, Spring data JPA, Hibernate, Spring Security, Eclipse, STS, Webservices, Angular, HTML/HTML5, CSS/CSS3, JavaScript, JSON, jQuery, spring boot, GIT, MYSQL, REDIS, MS SQL

**CRADIANT IT SERVICES PVT LTD**

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

### **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 Log4j framework for controller, service, and logging mechanism.
- Used Business Delegate, Data Access Objects, MVC design patterns
- 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 data JPA, Hibernate, Spring Security, Spring Boot, Angular, MySQL