

## Anni Singh

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### PROFESSIONAL SUMMARY

Dedicated and performance-focused Java Backend Developer with over 2 years of hands-on experience in building scalable, high-performance web applications. Skilled in designing and implementing robust microservices and RESTful APIs using Java, Spring Boot, and Hibernate. Adept at working with relational databases like MySQL, optimizing query performance, and creating well-structured schemas. Experienced in cloud deployments (with a strong preference for GCP), version control using Git/Bitbucket, and automating builds and deployments with tools like Maven, Gradle, and CI/CD pipelines. Known for writing clean, maintainable code and collaborating effectively within Agile teams to deliver reliable backend solutions that power business-critical applications.

### EXPERIENCE

#### Associate Software Engineer

*Custologix Solutions | May 2023 – Present*

- Spearheaded the development of several high-volume, low-latency applications using Java and Spring Boot, focusing on stability and performance.
- Built and maintained RESTful APIs as part of a microservices-based architecture, ensuring seamless integration across modules.
- Worked closely with MySQL and embedded databases—optimizing queries and designing well-structured schemas that reflect business processes accurately.
- Deployed applications using Tomcat and gradually transitioned to using cloud infrastructure, primarily Google Cloud Platform (GCP), for scalability and resilience.
- Followed object-oriented principles and software design patterns to write clean, modular, and maintainable code.
- Implemented robust unit testing with JUnit, and participated in setting up automated test pipelines to ensure code quality and reliability.
- Collaborated using Git and Github for version control and leveraged Maven and Gradle for efficient build automation.

### PROJECT HIGHLIGHTS

#### Enterprise Resource Planning (ERP) System

- Designed core financial and inventory modules using a microservice approach.
- Integrated Spring Boot, REST APIs, and MySQL to ensure smooth data flow and performance.
- Implemented continuous integration for quicker testing and deployment cycles.

### **Customer Management System**

- Created an intuitive CRM platform to streamline customer engagement.
- Employed Hibernate and JDBC for database operations
- Ensured the app was deployment-ready using cloud infrastructure.

### **TECHNICAL SKILLS**

- **Programming Languages:** Java
- **Frameworks & Libraries:** Spring Boot, Spring MVC, Hibernate, JDBC
- **Web Development:** RESTful APIs, Microservices
- **Cloud & DevOps:** Google Cloud Platform (GCP), Git, Github, CI/CD pipelines
- **Databases:** MySQL, PL/SQL, Embedded Databases
- **Build & Deployment Tools:** Maven, Tomcat
- **Design & Testing:** OOP Principles, Design Patterns, JUnit, Automated Testing

### **CERTIFICATIONS**

- Java Full Stack Developer – Certified
- MySQL Performance Optimization – Udemy
- Google Cloud Fundamentals (in progress)

### **EDUCATION**

- **B.Tech. in Information Technology**

Dr. BC Roy Engineering College, Durgapur | 2019 – 2023

### **LANGUAGES**

- English – Full Professional Proficiency
- Hindi – Full Professional Proficiency