

# Aradhana Dinakar Joshi

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## SUMMARY

Java Full Stack Developer with nearly 3 years of experience building and improving web applications. Skilled in Java, Spring Boot, Microservices, and RESTful APIs. Achieved a 20% faster data retrieval and 15% more accurate results by improving APIs and database management. Focused on delivering secure, high-quality solutions that meet business needs and enhance user experience.

## SKILLS

**Front-End:** HTML5, CSS3, jQuery, Bootstrap, JavaScript, TypeScript, React.js

**Back-End:** J2EE, Spring Boot, Spring MVC, Microservices, RESTful API, MySQL, Design patterns

**Tools and Platforms:** GitHub, Docker, AWS (Amazon Web Services), Jenkins, JIRA, SonarQube/SonarLint, Postman, Maven, Gradle

## EXPERIENCE

### Junior Software Engineer

Cognizant Technology Solutions

01/2022 - 05/2024

Bengaluru, India

- Contributed to the development of 5+ web applications by combining 10+ RESTful APIs using **React.js** and **Java Spring Boot**, amplifying data retrieval speed by 20%.
- Designed and implemented 5+ database schemas, performing **CRUD operations on MySQL and H2 In-Memory Databases**, upgrading data accuracy by 15%.
- Wrote 100+ unit and integration tests**, raising code coverage to 85% and minimizing production bugs by 30%.
- Strengthened** user security by implementing **JWT-based authentication and authorization** with **Spring Security**, protecting over 1,000 user accounts.
- Used Git for version control**, collaborating with a team of 7 developers and ensuring smooth integration of new features in an **agile** environment
- Conducted** code reviews, upholding high coding standards and adhering to best practices, which elevated overall team efficiency by 10%.
- Applied **SonarQube (SonarLint)** for thorough code analysis, pinpointing and resolving critical bugs early in the development cycle, reducing production issues by 30%.
- Leveraged tools such as Postman, JUnit, Log4J, SLF4J, and JIRA** to streamline testing, logging, and project management processes, increasing development efficiency by 15%.
- Built and connected microservices** using **Feign Client**, utilizing **Dependency Injection** to create a scalable and modular architecture, which optimized system efficiency and reduced service communication time by 15%.

### Intern - Machine learning and Web Development

Vtech Coders

03/2021 - 06/2021

Dharwad, India

- Crafted a website** using **Python Django**, boosting the company's online presence and providing an interactive platform for real-time **data visualization**, leading to a **25% increase in user engagement**.
- Produced a machine learning project analyzing COVID-19 patient data, enforcing algorithms such as linear regression, decision tree, random forest, and Gaussian Naïve Bayes.
- Created data visualizations representing key insights, such as the age groups most affected by COVID-19 and areas with the highest spread, aiding in data-driven decision-making.
- Automated data analysis, reducing manual work by 30%, and improved prediction accuracy through fine-tuned model selection.

## EDUCATION

KLE Institute Of Technology, Hubli, Karnataka

Master of Computer Applications

Sep 2021

CGPA - 8.72