Pradeep Swamy

BTM Stage 2 Bengaluru

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EDUCATION

GUPG Center Halhalli Bidar **2020 – 2023**
*Master of Science in Computer Science - **Percentage - 69.8%*** *Bidar , India*

Karnatak Arts, Science and Commerce College Bidar **2016 – 2019**
*Bachelor of Science in PMCS - **Percentage - 64.04%*** *Bidar, India*

COURSEWORK / SKILLS

- Object-Oriented Programming (OOP)
- Database Management Systems (DBMS)
- Web Technologies (HTML, CSS, JavaScript)
- Java Programming
- Advanced Java (JDBC, Servlets)
- Spring Spring Boot
- REST API Design
- Hibernate ORM
- Angular Framework
- Software Engineering Principles
- Agile and Scrum Methodologies
- Software Testing (JUnit, Jasmine)

EXPERIENCE

Trinity Mobility | *Full Stack Web Developer* **Jan 2024 – Present**
Bengaluru, India

- Developed and maintained core business logic in **Core Java**, improving efficiency by 25%.
- Architected and deployed **12 Spring Boot microservices**, reducing deployment time by 35%.
- Refined **Hibernate ORM** and **HQL** queries, reducing DB latency by 30%.
- Authored comprehensive **JUnit** test suites, reaching 85% code coverage and reducing defects by 20%.
- Built dynamic **Angular** components, increasing engagement by 15% and reducing load time by 20%.
- Executed **Jasmine** testing on 100+ UI components, uncovering 30+ issues pre-release.
- Configured **Kafka** clusters to process high-volume messages with 99.9% uptime.
- Developed a **real-time alert system** with 500+ daily notifications, reducing response times by 40%.
- Streamlined **SQL** queries on large datasets, accelerating report generation by 60%.
- Integrated **call-handling services** for seamless system-to-system communication.
- Designed a live vehicle **patrol alert system** to enhance operational response.
- Implemented security features like **IDOR protection** and **API checksum validation**.
- Strengthened system security by mitigating vulnerabilities and applying secure coding practices.
- Conducted load testing using **JMeter**, eliminating bottlenecks and enhancing throughput.
- Used **Redis** for fast data access and temporary caching, reducing DB load.
- Managed configuration settings to ensure accuracy in operator interface displays.

JSpiders | Training **Jan 2023 – Dec 2023**
Bengaluru, India

- Completed comprehensive training in web and backend technologies including Java, HTML, CSS, JavaScript, SQL, JDBC, Hibernate, Spring, Spring MVC, and Spring Boot

TECHNICAL SKILLS

Languages: Core Java, SQL, HTML, CSS, JavaScript, Typescript
Developer Tools: VS Code, Eclipse, SSMS, Offset Explorer, Another Redis Desktop Manager, Postman, GitHub
Technologies/Frameworks: Spring Boot, Hibernate (HQL, Criteria Query), Angular, Kafka, Redis, Git

CERTIFICATIONS

- Java Full-Stack Development - **Jspiders** Basavanagudi Bengaluru
- Programming in Java (Elite) - Swayam NPTEL provided by IIT Kharagpur
- SQL and Relational Database - Cognitive Class.ai provided by IBM