# BASAVARAJ DEGALMADI

## JAVA DEVELOPER

✉ basavaraj.degalmadi1@gmail.com  📞 8050688125  in Basavaraj Degalmadi  ⊚ Bengaluru

## SUMMARY

Skilled and highly motivated Java Developer with 3.7+ years of experience in designing, developing, and implementing Java-based applications. Experienced in working with various frameworks and technologies such as Spring, Spring Boot, Microservices, Hibernate, and RESTful APIs. successfully contributed to multiple projects in healthcare and retail domains. Adept at integrating third-party services, optimizing code, and enhancing application performance.

## SKILLS

- **Programming Languages**: Java (Core & Advanced), SQL
- **Frameworks & Libraries**: Spring, Spring MVC, Spring Boot, Hibernate, Microservices, JUnit, Mockito, Kafka
- **Version Control & CI/CD**: Git, GitHub, Jenkins
- **Web Services:** RESTful Web Services
- **Databases**: MySQL, PostgreSQL, SQL Server Management Studio (SSMS)
- **Development & Testing Tools**: IntelliJ IDEA, Eclipse, VS Code, Spring Tool Suite (STS), Postman, Swagger, Notepad++, Git Bash, JIRA, Tomcat, Maven

## WORK EXPERIENCE

**Tata consultancy services, Bengaluru. IND**                     Dec 2021 - Present
**Java Developer**

- Developed and maintained web-based applications using Java, SQL, Spring Boot, Hibernate, and Spring Cloud to support scalable and efficient business solutions.
- Implemented RESTful Web Services for efficient system integration and external communication, resulting in a 25% reduction in system latency.
- Implemented Apache Kafka for real-time, event-driven inter-service communication, leveraging Confluent parallel consumers, achieving a 25% performance improvement and ensuring efficient data processing.
- Applied various Microservices Design Patterns, including distributed transaction management, service discovery, API routing, and fault tolerance, to ensure system reliability, scalability, and performance.
- Optimized MySQL database performance by designing efficient queries and indexing strategies, improving query execution time.
- Integrated Docker and Kubernetes into the CI/CD pipeline, streamlining deployment processes and improving system scalability.
- Adopted Agile (Scrum) methodology in the SDLC, improving project delivery and enhancing collaboration across development, testing, and operations teams.
- Automated code quality analysis with SonarQube and decreasing critical code smells by 85%, improving maintainability.
- Involved in troubleshooting and resolving critical issues across Dev, UAT, and Production environments, collaborating with cross-functional teams to ensure minimal downtime and quick resolution of incidents.
- Experienced in handling exceptions, debugging, and resolving real-time application errors, ensuring smooth and reliable code performance.
- Led Spring boot app development from requirements gathering to post-deployment support, showcasing end-to- end project ownership.
- Rigorously unit-tested REST APIs using JUnit and Mockito, ensuring code reliability.
- Partnered with QA to identify and resolve code-related issues, highlighting effective troubleshooting.
- Identified and fixed bottlenecks and bugs, improving application efficiency.
- Collaborated effectively with diverse teams to deliver new features, demonstrating strong communication and adaptability.

## PROJECTS

**Vitality Health Insurance - VH :**
- Led Spring boot app development from requirements gathering to post-deployment support, showcasing end-to- end project ownership.
- Developed a health insurance management system utilizing Spring Boot and Spring Data JPA for efficient data modelling, with seamless communication via REST API.
- Rigorously unit-tested REST APIs using JUnit and Mockito, ensuring code reliability.
- Implemented a real-time messaging solution with Apache Kafka, focusing on scalability and high availability.
- Partnered with QA to identify and resolve code-related issues, highlighting effective troubleshooting.
- Identified and fixed bottlenecks and bugs, improving application efficiency.

**M&S (Marks and Spencer)  (Retail Domain) :**

- Using front-end Angular and back-end Spring Boot and microservices for direct selling products to consumers.
- Developed various Rest APIs to perform CRUD operations using Spring Boot.
- Crafted comprehensive Open API documentation for a service, reducing API-related issues by 85% and ensuring smooth integration within the system.
- Developed reusable Java APIs used throughout the application.
- Secured with Spring Security and JWT to manage authentication and authorization for sensitive data.
- Integrating the HTTP services in the client side as per the requirement.
- Handling the different events and related functionality in both client and server side.
- Tested REST APIs using JUnit and Mockito, ensuring code reliability.

## CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals (AZ-900)

## EDUCATION

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|---|---|
| **PDA College Of Engineering, Kalaburagi**<br>B.E(Mech) – 8.12 CGPA | Aug 2017 - July 2021 |
| **Sai Gnana Ind PU College ,Bidar**<br>PUC(Science) – 78.66% | June 2015 – May 2017 |
| **Vidyaranya High School, Bidar**<br>10th (State Board) – 90.72% | June 2014 – April 2015 |

## LANGUAGES

- English
- Kannada
- Hindi