

GANESHPRASAD BALAMURUGAN

Java | Spring Boot | Microservice Developer

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Experienced Java Developer with a demonstrated history of working in the IT industry. Skilled in Spring Framework, Micro Services, REST API, Hibernate, Selenium Cucumber, JUNIT, GCP, AZURE. Involved in end-to-end development of software products starting from requirement analysis to system study, designing, coding, testing, debugging, documentation & deployment. Sound in problem-solving, pragmatic thinking, very much interested and motivated to learn new technologies required for my job.

PROFESSIONAL EXPERIENCE

ACCENTURE

Packaged App Development Senior Analyst

CHENNAI

JULY 2024–Present

- Implemented distributed tracing and enhanced application observability using Micrometer, MDC, Spring Cloud Sleuth, and Zipkin, significantly improving debugging efficiency and system monitoring. Automated daily JUnit-based unit tests as part of the CI/CD pipeline, reducing bug resolution time and boosting team productivity in Agile.
- Implemented load balancing strategies and fallback mechanisms to ensure smooth processing of high-volume incoming payloads, resulting in a 30% improvement in server uptime and reliability during peak traffic hours.
- Reduced server downtimes by 75% by proactive monitoring, automated alerts using GCP and Azure services.
- Developed and maintained unit tests using JUnit 5, achieving over 90% test coverage, while leveraging GitHub Copilot to accelerate test development and code scaffolding, improving development speed by 25%.
- Led a team of 4, to implement a new microservices architecture from scratch, which improved the efficiency of the module by 30% and visually presented the progress to the clients in a daily basis which improved the credibility.

TATA CONSULTANCY SERVICES

Software Engineer

CHENNAI

JAN 2023–MAY 2024

- Design and development of microservices and RESTful APIs using Spring Boot, while proactively identifying areas for refactoring to improve code readability, maintainability, and overall performance of the application.
- Created new web components using JavaFX and worked in the migration project from legacy HTML to modern JavaFX based on the user requirements and ensuring proper working of the functionality without defects.
- Refactored existing codebase of the module, leading to the performance boost by 20% by improving code readability.

COGNIZANT TECHNOLOGY SOLUTIONS

Software Engineer

CHENNAI

DEC 2020–JUNE 2022

- Involved in designing, developing, testing, and maintaining Java applications involved in creating test case scenarios for the end users to test the applications, examined the current code and suggested patches/design changes/code fixes.
- Used Hibernate, DAO, and JDBC for data retrieval and medications from database and implemented OOPS methodologies in modules and prepared the documentation of the design for assisting the developers.

EDUCATION

K. Ramakrishnan College of Engineering (BE Mechanical Engineering)

CGPA: 8.06

APRIL 2020 TRICHY

SKILLS & TECHNOLOGIES

- Backend:** Java, Spring Boot, JMeter, Spring Security, Hibernate, Rest API, Microservices, JUNIT, Mockito, JaCoCo
- DevOps & CI/CD:** Git, GitHub, Copilot, Jenkins, Docker, Kubernetes, Maven, SonarQube, Bit Bucket
- Productivity & Monitoring:** Eclipse, IntelliJ IDEA, DataDog, Splunk, Swagger, Postman, Jira, Zipkin
- Cloud & Databases:** GCP, Azure, AWS, MongoDB, MySQL, Oracle

CERTIFICATION

- Google Cloud - Associate Cloud Engineer
- Google Cloud - Professional Cloud Architect
- Google Cloud - Generative AI Leader

- Microsoft - Azure Developer Associate (AZ-204)
- GitHub CoPilot
- MongoDB SI Architect