

Jijo Daniel

Senior Software Developer

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Professional Summary

- Java Developer with **6 years of hands-on experience** across the software development lifecycle, from requirement gathering to production deployment.
- Skilled in developing scalable and high-performance enterprise applications using **Spring Boot** and **Core Java**.
- Strong academic background with MCA and BCA degrees.
- Proficient in **ORM frameworks** such as **Hibernate** and **JPA**.
- Experienced in **microservices architecture** using Spring Boot and REST APIs.
- Developed and maintained **RESTful** (JAX-RS, Spring Boot) and **SOAP** web services; integrated documentation using **Swagger** and **WADL**.
- Hands-on experience with messaging queues like **RabbitMQ** and **Kafka**.
- Familiar with build tools like **Maven** and **Gradle** for compiling and deploying applications.
- Comfortable with **UNIX** systems and **Shell scripting** for automation and environment management.
- Skilled in deploying microservices using **Docker** containers and setting up CI/CD pipelines.
- Expertise in cloud-native development using **Kubernetes** and **Google Cloud Platform (GCP)**.
- Experience in deploying Microservices using Docker containers and ability to set up a continuous integration and deployment pipeline using Jenkins with GitHub on **GCP** or any **Cloud Service**.
- Proficient in both **Java** and **Go**, with a proven record of 100% on-time project delivery and successful RFP-based project extensions.
- Performed unit testing using **JUnit** and Mockito, aiding test-driven Development in some scenarios.
- Experience with **NGINX** for load balancing and reverse proxy configurations in distributed systems.
- **Migrated Fusion legacy** services to modern Spring Boot-based microservices architecture.
- Containerized Fusion services and deployed them on **Apache TomEE**, improving maintainability and deployment consistency.
- Used Test Driven Environment (TDD) and Domain Driven Development (**DDD**). Used JUnit for Unit Testing.

Technical Skills

- **Languages:** Java, Core Java, **Golang** (Programming Language), XML, JSON, HTML, YAML, **PowerShell**, CSS, JavaScript, Python, J2EE
- **Frameworks:** Java/J2EE, **Spring Boot**, JUnit, RESTful Webservices, **Microservices**, Hibernate
- **Tools:** **Google Cloud Platform (GCP)**, Google **Kubernetes Engine (GKE)**, JBoss, JIRA (incl user stories), RESTful Web Services, Continuous Integration, Apache Maven, Eclipse, Confluence, Application Programming Interfaces (API), IntelliJ IDEA, Gradle, Source control systems (Git, GitHub, GitLab), JMeter, Apache **Tomcat**, Scripting, SoapUI, Version Control Systems, SonarQube
- **Scripting Languages:** HTML, CSS, JSON, Bootstrap, **Shell Scripting**
- **Databases:** Oracle, **SQL Server**, **MySQL**, DB2, **PostgreSQL**, MongoDB
- **Development Practices & Concepts:** Waterfall, Agile development, Containerization (Docker), Data Structures and Algorithms, Object-oriented programming, Scrum, Debugging, Software development lifecycle (SDLC), DevOps Practices, CI/CD Pipelines, Design Patterns (Singleton, Factory, etc.), SOLID Principles, Version Control, Code Reviews, performance tuning, DNS, TLS, Security, Unit Testing,

performance testing, Functional Testing, Code versioning tools, Virtualization, Functional programming, Domain-Driven Design (DDD), Sprint planning

- **Web Technologies:** Servlets, JSP, JavaBeans, Java Servlet API, JDBC, Typescript, Spring
- **APIs & Integration:** REST API, RESTful API, SOAP, SMTP, JDBC, API Documentation (Swagger/Postman), OpenAPI 3.x, Kafka MQ
- **Platforms:** Linux, RedHat **OpenShift**, Nginx, Docker, Kubernetes, Junit, Mockito, Jenkins

Soft Skills

- Effective Communication, Attention to Detail, Problem-Solving & Analytical Thinking, Communicate effectively, Team Spirit & Mentorship, Time Management, Documentation, Providing guidance on Java coding standards, Clean and maintainable code, Work closely with Product Owners, QA, and other stakeholders, Ability to work independently as well as within a team, APIs, and third-party libraries, Collaboration skills, Teamwork, Analysis skills, R&D, Ability to prioritize, Problem Solving, Leadership, Prioritize effectively, Verbal and written communication skills, Strong analytical skills, constructive feedback

Experience

Senior Systems Engineer | Infosys Ltd, Kerala, India | January 2023 - October 2024

- Spearheaded the development of more than 50 RESTful microservices using **Spring Boot** and **Golang**, deployed across distributed systems, ensuring system interoperability and scalability.
- Orchestrated the seamless migration of more than 100 microservices from **OpenShift** to **Google Cloud Platform** (GCP), yielding an estimated 40% reduction in infrastructure costs.
- Leveraged **ORM frameworks** such as **Hibernate** and **JPA** for robust and efficient data persistence.
- Engineered **NGINX**-based routing solutions that optimized traffic distribution processes, resulting in a notable enhancement in overall system performance and effectively managing peak load times with minimal latency.
- Utilized **Google Kubernetes Engine** (GKE) to manage and orchestrate containerized applications, ensuring high availability and scalability across the cloud environment.
- Used a complete annotation-driven approach to develop the application using Spring Boot, and was involved in setting up the **Spring Bean profiling**.
- Creating, managing, and performing container-based deployments using Docker images containing Middleware and applications together.
- Used **Spring Rest Template** to use the exposed REST Web Services.
- Developed **Java/J2EE code** with OOP concepts, and involved in **Peer code reviews**.
- Developed the application by using **Scrum Methodology** in an **Agile Environment**.
- Executed the timely delivery of Java-based applications for multiple high-stakes projects, consistently **meeting 100% of project deadlines** while upholding rigorous code quality standards reflected in a less than 2% defect rate.
- Designed and **implemented message-driven architectures** utilizing messaging queues like Kafka for asynchronous communication and robust integration across distributed systems.
- Wrote and maintained **SQL queries** and **stored procedures** for data manipulation and retrieval, supporting application functionalities.

Environment: Spring boot, **Microservices**, Restful API, Oracle, **MySQL**, RESTful Services, Docker, JUnit, Mockito

Systems Engineer | Infosys Ltd, Kerala, India | December 2021 - December 2022

- Engineered over **40 server-side RESTful APIs** utilizing **SpringBoot** and **Go**, achieving a 99.9% uptime.

- Developed **Go proxies** as part of the GCP Transformation, contributing to successful release activities and ensuring seamless integration and performance.
- Created **shell scripts** to automate the compilation, packaging, and deployment of MSA services in Apache TomEE.
- Created API designs using **OpenAPI 3.x**.
- Developed and deployed **SOAP APIs** to accommodate legacy system integrations, resulting in a seamless connection for over 15 key applications.
- **Developed and maintained documentation** for system architecture, configurations, and troubleshooting guides, improving team collaboration and knowledge transfer.
- Conducted comprehensive root cause analyses on production issues, leading to the identification of critical performance bottlenecks; implemented solutions that enhanced system stability by reducing incident response times by 50%.

Software Engineer | Coolminds Technologies (P) Ltd, India | July 2019 - November 2021

- Designed and deployed full-stack solutions that improved internal process automation and reduced manual workload by 40%.
- Developed **RESTful APIs** using Spring Boot and Struts to enable communication between different components of the application and increasing development speed by 25%.
- Developed **custom APIs for client web applications**, improving data retrieval speeds by 60%.
- Developed **unit test cases**, ensuring robustness and reliability of the systems.
- **Collaborated with cross-functional teams** including product managers and QA engineers to gather requirements and deliver high-quality software solutions on schedule.
- Wrote and maintained **SQL queries and stored procedures** for data manipulation and retrieval, supporting application functionalities.

Environment: Java, GitHub, JDK, Spring Framework, Oracle, Eclipse, Maven, SVN, JUnit, NoSQL, REST, Hibernate

Software Engineer Intern | Coolminds Technologies (P) Ltd, India | January 2019 - July 2021

- Collaborated with senior developers to design and implement web application modules using Core Java and Spring MVC, enhancing overall application responsiveness by 20%.
- Assisted in developing RESTful APIs with Spring Boot to facilitate front-end/back-end integration, improving data flow efficiency by 25%.
- Contributed to unit testing using JUnit and Mockito, raising code coverage to eighty-five percent and ensuring early defect detection.
- Participated in **daily Scrum ceremonies** and code reviews, adopting Agile best practices to streamline feature delivery.
- Documented technical specifications and API endpoints, improving clarity for team members and future development.

Education

- **Master's Degree in Master of Computer Applications - MCA | Saintgits College of Engineering, India | January 2017 - January 2019 | 7.74**
- **Bachelor's Degree in Bachelor of Computer Applications - BCA | Parumala Mar Gregorious College, India | January 2013 - January 2016 | 6.68**

Awards & Honors

- **Infosys Insta Award | Infosys - September 2023**

Award for significant contribution in trying out the Infosys Migration Tool (IMP) for the migration work.

- **Infosys Insta Award** | Infosys - March 2023

For playing key developer role in OpenShift to Anthos Microservices migration.

- **Infosys Insta Award** | Infosys - December 2022

For playing the key developer role in GCP Transformation Proxy development release activities.

Certifications

- Developing Containerized Applications on Google Cloud | Coursera
- Java FullStack Developer Specialization | Board Infinity
- Infosys Certified Google Cloud Practitioner | Infosys
- Infosys Certified Java SE8 Developer | Infosys
- Infosys Certified Java Programmer | Infosys