

Naveen Mattaparthi | Software Engineer

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SUMMARY

Software Developer with 6+ years of experience designing, developing, and maintaining robust, scalable, and high-performance backend applications. Skilled in Java, Spring Boot, SQL, and message queue integration for enterprise-grade systems. Strong foundation in Data Structures, Algorithms, and Object-Oriented Programming principles, with proven ability to debug and optimize complex systems. Experienced in REST and SOAP API design, database management, and CI/CD practices using Git-based workflows. Passionate about coding excellence, continuous improvement, and building reliable, maintainable software solutions in fast-paced Agile environments.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, SQL, Python, Bash, TypeScript

Frameworks & Technologies: Spring Boot, Spring Framework, Hibernate, JPA, REST, SOAP, Microservices, JMS

Messaging & Integration: RabbitMQ, ActiveMQ, Kafka, JMS, WebSockets

Databases: MS SQL Server, PostgreSQL, Oracle, MySQL, NoSQL, Redis

DevOps & Version Control: Git, GitHub, GitLab, Jenkins, Docker, CI/CD, Maven, Gradle

Testing & Quality: JUnit, Mockito, TestNG, Postman, SonarQube, Code Coverage Tools

Architecture & Design: OOP, MVC, Design Patterns, Data Structures & Algorithms, System Design

Tools & Collaboration: IntelliJ IDEA, Eclipse, Jira, Confluence, Agile/Scrum, API Documentation

Soft Skills & Practices: Debugging, Optimization, Cross-Functional Collaboration, Code Reviews, Problem Solving

EXPERIENCE

Software Developer: Brown & Brown Insurance, Plano, Texas, USA Jul 2023 – Present

- Designed and developed scalable Java Spring Boot applications supporting high-volume financial transactions and data processing.
- Integrated RabbitMQ and Kafka message queues to improve asynchronous processing and reduce system latency.
- Collaborated with architects to analyze requirements and deliver efficient, maintainable backend solutions with minimal supervision.
- Debugged complex production issues and implemented root-cause fixes, improving platform stability and response time.
- Wrote optimized SQL queries and stored procedures for MS SQL databases, ensuring high data integrity and performance.
- Implemented CI/CD pipelines using Git and Jenkins, automating builds, tests, and deployments.

ENVIRONMENT

Java, Spring Boot, REST API, SOAP, RabbitMQ, Kafka, MS SQL Server, Docker, Jenkins, GitLab, JUnit, Mockito

Software Engineer: Crown Castle, Houston, Texas, USA Oct 2022 – Jun 2023

- Developed microservices using Java Spring Boot integrated with REST and SOAP APIs for data distribution systems.
- Applied Data Structures and Algorithms to optimize service performance and reduce computational overhead.
- Created message-driven architecture using RabbitMQ for event-based communication between distributed applications.
- Performed code reviews and debugging, maintaining code quality and production reliability across services.
- Utilized Git for version control, ensuring proper branching, merging, and CI workflows within Agile sprints.
- Proposed process improvements and explored new frameworks for improving backend efficiency and developer productivity.

ENVIRONMENT

Java, Spring Boot, REST, SOAP, RabbitMQ, MS SQL Server, Git, Jenkins, JUnit, Postman, Microservices, Agile

Software Developer: Cognizant, Chennai, India May 2021 – Jun 2022

- Built enterprise-grade backend modules using Java, Spring, and Hibernate with a focus on performance and scalability.
- Integrated RESTful APIs and messaging queues to enable efficient data exchange between services.
- Implemented SQL scripts, triggers, and stored procedures for MS SQL and PostgreSQL databases.
- Collaborated with front-end teams to define data models and API endpoints for financial client applications.
- Enhanced logging and monitoring for debugging and improved root-cause analysis of production incidents.
- Participated in Agile ceremonies, sprint planning, and backlog grooming to align with business goals.

ENVIRONMENT

Java, Spring Framework, Hibernate, REST API, MS SQL Server, RabbitMQ, JUnit, Mockito, Jenkins, GitHub, Agile

Software Developer: Fedbank Financial Services, Mumbai, India 2019 – Apr 2021

- Designed and maintained backend Java applications supporting digital loan origination and payment systems.
- Developed APIs and integrated message queues for real-time financial transaction processing.
- Applied OOP principles, design patterns, and algorithmic optimizations to enhance code performance and readability.
- Debugged and resolved complex issues across API layers, improving reliability and system availability.
- Wrote automated unit tests using JUnit and performed code reviews to enforce development best practices.
- Collaborated with cross-functional teams to deliver new features on schedule in an Agile setup.

ENVIRONMENT

Java, Spring Boot, REST, SOAP, RabbitMQ, MS SQL Server, Jenkins, Docker, Git, JUnit, SonarQube, Agile

PROJECTS

Message Queue Integration Platform — Role: Java Developer

- Built Java-based microservices integrating RabbitMQ for event-driven data synchronization and batch job automation.
- Implemented REST and SOAP APIs for internal systems, improving throughput and data exchange efficiency.

SQL Performance Optimization Suite — Role: Backend Engineer

- Developed SQL optimization scripts and performance dashboards for MS SQL Server and PostgreSQL databases.
 - Reduced query latency by 40% through indexing, query tuning, and connection pooling strategies.
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CERTIFICATIONS

Oracle Certified Professional, Java SE Developer – Oracle

Spring Professional Certification – VMware

AWS Certified Developer – Associate – Amazon Web Services

EDUCATION

Clark University, USA, 2023

Master's in Information Technology

Gitam University, India, 2021

Bachelors in Computer Engineering