

Haneesh Vallamkonda

Java Backend Developer

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Professional Summary

Java Backend Developer with nearly 4 years of experience building robust backend applications using **monolithic and microservices architectures**. Skilled in **Java (11 & 17), Spring Boot, Apache Flink (Batch & Streaming Topologies), REST APIs, and database optimization**. Experienced in **CI/CD automation, unit testing, and job orchestration**. Well-versed in Agile (Scrum) practices and all phases of the SDLC. Consistently delivers **high-quality, scalable backend solutions** for enterprise applications.

Education

Master of Science in Computer Science

Northern Arizona University, Flagstaff, Arizona | Aug 2022 – Dec 2023

Bachelor of Technology in Computer Science

SRM Institute of Science and Technology, Chennai, India | Jul 2016 – Jun 2020

Skills

- **Programming & Scripting Languages:** Java (11 & 17), SQL, Shell (Bash)
- **Backend Frameworks & Architectures:** Monolithic & Microservices Architecture, Spring Boot, Spring MVC, Hibernate, REST APIs
- **Streaming & Big Data:** Apache Flink (Batch & Streaming Topologies)
- **Build & Dependency Management:** Maven, Gradle
- **Testing Frameworks:** JUnit, Mockito, EasyMock
- **Databases:** MongoDB, MySQL
- **Job Scheduling & Orchestration:** AutoSys
- **DevOps & CI/CD Tools:** Jenkins, SonarQube
- **Version Control:** Git, GitHub
- **Monitoring & Logging:** Splunk
- **Tools & IDEs / Collaboration:** IntelliJ IDEA, Eclipse, Confluence, Jira
- **Methodologies:** Agile (Scrum), SDLC

Professional Experience

Java Backend Developer

Wells Fargo, San Leandro, California | Mar 2024 – Present

- Developed and maintained backend applications using **Java (11 & 17), Spring Boot, and Monolithic services**, ensuring high scalability and reliability.
- Designed and implemented **Apache Flink batch and streaming topologies** for efficient data processing pipelines.
- Managed **CI/CD pipelines** using Jenkins and automated job scheduling with **AutoSys**, improving deployment efficiency.
- Performed database operations using **MongoDB and SQL**, optimizing queries and ensuring data consistency.
- Wrote and executed **unit and integration tests** using JUnit and Mockito, maintaining high code quality.
- Conducted log analysis and troubleshooting with **Splunk**, enhancing monitoring and issue resolution.
- Maintained code quality using **SonarQube** and automated test coverage tracking with Jacoco.
- Updated project documentation in **Confluence** and tracked tasks/issues using **Jira**.
- Automated scripts using **Shell** for job management, deployments, and operational tasks.
- Collaborated with cross-functional and offshore teams in an **Agile (Scrum)** environment.

Tools & Environment: Java 11/17, Spring Boot, Monolithic Services, Apache Flink, MongoDB, SQL, Jenkins, AutoSys, Git/GitHub, Maven, Gradle, JUnit, Mockito, SonarQube, Confluence, Jira, Shell scripting, Splunk, IntelliJ IDEA, Agile (Scrum)

Senior System Engineer

Infosys (Mercedes-Benz Project), Bangalore, India | Oct 2020 – Aug 2022

- Developed and maintained backend services using **Java, Spring Boot, Spring MVC, and Microservices architecture**, improving system scalability and maintainability.
- Designed and implemented **REST APIs** for seamless service-to-service and client communication.
- Integrated applications with **MySQL** using Hibernate and Spring JPA, ensuring optimized database interactions.
- Wrote **unit and integration tests** using JUnit to maintain high code quality.
- Managed project builds and dependencies with **Maven**, streamlining the development workflow.
- Performed **API testing and validation using Postman**.
- Collaborated with stakeholders to gather requirements and deliver backend solutions aligned with business objectives.

Tools & Environment: Java, Spring Boot, Spring MVC, Microservices, REST APIs, MySQL, JUnit, Maven, Postman, Eclipse

Intern

Infosys, Mysore, India | Jan 2020 – Mar 2020

- Developed backend services using **Java, Spring Boot, and Microservices architecture** as part of a four-member team.
- Implemented database interactions and management using **DBMS**, ensuring efficient data storage and retrieval.
- Collaborated with team members to deliver high-quality software solutions within the internship timeline.

Tools & Environment: Java, Spring Boot, Microservices, DBMS
