

Ahmed Moussa

Senior Java Full Stack Software Engineer | Agentic AI & Cloud Engineering

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PROFESSIONAL SUMMARY

Senior Software Engineer with 5+ years of experience delivering secure, scalable enterprise applications for Fortune 100 organizations across financial services and insurance. Strong expertise in Java, Spring Boot, REST APIs, microservices, React, TypeScript, AWS, CI/CD, automated testing, and cloud-native development. Experienced in applying **Agentic AI, Large Language Models (LLMs), and AI-assisted software engineering workflows** to accelerate development, code analysis, debugging, testing, documentation, and engineering productivity. Hands-on experience with **GitHub Copilot, Claude Code, and JPMorgan Chase's internal LLM suite** while operating within enterprise security, compliance, and engineering standards.

TECHNICAL SKILLS

Agentic AI & AI Engineering: Agentic AI Workflows, Large Language Models (LLMs), AI-Assisted Software Development, Prompt Engineering, AI-Assisted Code Generation, Code Analysis, Debugging, Test Generation, Documentation, Developer Productivity

AI Tools: GitHub Copilot, Claude Code, JPMorgan Chase Internal LLM Suite

Languages: Java, JavaScript, TypeScript, SQL, HTML5, CSS3

Backend: Spring Boot, Spring MVC, Spring Security, Hibernate, JPA, REST APIs, Microservices, Maven

Frontend: React, React Native, Next.js, AngularJS, Bootstrap, Tailwind CSS

Cloud: AWS (ECS, ECR, Lambda, CloudWatch, IAM, DynamoDB)

DevOps: Jenkins, Spinnaker, Terraform, Docker, Git, GitHub, CI/CD

Messaging: Kafka, RabbitMQ

Databases: Oracle, PostgreSQL, MySQL, MongoDB, DynamoDB

Testing: JUnit 5, Mockito, Spring Boot Test, Selenium, Cucumber, REST Assured, Integration & Contract Testing

Monitoring & Quality: Splunk, Dynatrace, SonarQube

PROFESSIONAL EXPERIENCE

JPMorgan Chase | Senior Java Full Stack Software Engineer | Nov 2023 – Present

- Design, develop, and maintain enterprise Java microservices using **Java, Spring Boot, REST APIs, and cloud-native architecture**.
- Apply **Agentic AI and LLM-assisted engineering workflows** to support software development, code analysis, debugging, testing, technical documentation, and engineering productivity.
- Use **GitHub Copilot, Claude Code, and JPMorgan Chase's internal LLM suite** for code generation, refactoring, problem solving, test development, documentation, and exploration of technical solutions.
- Incorporate AI-assisted development into the software engineering lifecycle while adhering to enterprise **security, governance, compliance, code-review, and software-quality standards**.
- Evaluate AI-generated recommendations and code through engineering review, automated testing, static analysis, and established development practices before integration.
- Build cloud-native solutions on **AWS** and support production deployments through CI/CD pipelines using **Jenkins and Spinnaker**.
- Develop and integrate **React-based front-end functionality** with Java backend services and REST APIs.
- Write unit and integration tests using **JUnit and Mockito** to improve software quality and maintainability.
- Troubleshoot production issues using **Splunk and Dynatrace**, collaborating with QA, DevOps, Product, and engineering teams.
- Participate in code reviews, Agile ceremonies, architecture discussions, and continuous improvement initiatives.

Infosys Ltd. (Travelers Insurance) | Full Stack Developer | Feb 2022 – Oct 2023

- Developed enterprise applications using Java, Node.js, RabbitMQ, Oracle, MongoDB, AWS, and Jenkins.
- Designed and developed scalable REST APIs supporting enterprise application functionality.
- Improved application reliability, maintainability, and performance through engineering best practices.
- Partnered with QA teams to automate testing and accelerate software delivery within Agile Scrum environments.

Cigna | Java Full Stack Developer | Aug 2020 – Jan 2022

- Developed full-stack enterprise applications using Java, TypeScript, JavaScript, HTML, CSS, and SQL.
- Implemented automated testing using Selenium, JUnit, and Jest.
- Improved application performance, maintainability, and software quality through testing and engineering improvements.

SELECTED PROJECT

Joe Limo Platform

Designing a cloud-native, multi-tenant limousine management platform using **React Native, Java Spring Boot, REST APIs, AWS architecture, and CI/CD best practices**.

EDUCATION

Bachelor of Applied Science in Application Development

North Seattle College – Seattle, Washington