

# Mohd Amir Ahmad

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## Professional Summary

Java Full Stack Developer with 9+ years of experience designing and delivering scalable enterprise applications using Java, Spring Boot, Angular, and Microservices. Skilled in CI/CD (Jenkins, Docker, Kubernetes) and cloud platforms (AWS). Proven expertise in Agile delivery and onsite client engagements (Italy), with recent focus on Generative AI integration to automate processes and enhance productivity.

## Experience

### JAVA FULL STACK DEVELOPER | TCS - UNICREDIT S.P.A. | APRIL 2022 – PRESENT | MILAN

- Continuously designing and enhancing RESTful APIs, backend controllers, and database entities using Java, Spring Boot, and JPA — ensuring efficient data flow, scalability, and seamless integration with frontend services.
- Regularly developing and optimizing Angular components to deliver responsive, user-friendly interfaces, while maintaining consistency across the application through reusable services and DTO-based mappers.
- Designing and maintaining Microservices architecture — building independently deployable services, implementing inter-service communication with REST APIs, and ensuring scalability and fault tolerance through API gateways and service discovery.
- Ongoing improvement of CI/CD pipelines with Jenkins by automating builds, tests, and deployments, analyzing console outputs for errors, and maintaining reproducible environments using Docker and Kubernetes (OpenShift).
- Managing cloud-based deployments on AWS (EC2, S3, RDS) while collaborating in Agile teams using Git and Git Flow practices — ensuring secure, scalable infrastructure, smooth code integration, and reliable delivery of new features.
- Currently exploring Generative AI integration by connecting Spring Boot services with OpenAI API to automate error log analysis and suggest probable root causes, demonstrating continuous learning and innovation in emerging technologies.

### JAVA FULL STACK DEVELOPER | TCS - WESTERNUNION | FEB 2018 – MARCH 2022 | PUNE

- Delivered full-stack enhancements and country-specific customizations in an Agile setup by developing REST APIs, Spring Boot services, Angular components, and Oracle SQL queries, while ensuring quality delivery through SIT/unit testing and comprehensive technical documentation.

### DEVELOPER | TCS - MITSUBISHI CORPORATION | SEP 2015 – JAN 2018 | PUNE

- Contributed to full-stack development of enterprise applications in an Agile environment, building REST APIs and Spring Boot services, developing Angular components, writing optimized Oracle SQL queries, and supporting SIT/unit testing to ensure high-quality delivery.

## **Education**

B.Tech, Computer Engineering | Jamia Millia Islamia, New Delhi | 2015 | CGPA: 8.88/10

## **Skills**

- **Programming & Frameworks:** Java (8/11/17/21), Spring Boot, Hibernate/JPA, REST APIs, Microservices
- **Frontend:** Angular 16, TypeScript, HTML5, CSS3, JavaScript
- **Database:** Oracle, SQL, MySQL
- **DevOps & Cloud:** AWS (EC2, S3, RDS), Docker, Kubernetes (OpenShift), Jenkins, Git/GitFlow
- **Testing & Tools:** JUnit, Mockito, Postman, Swagger, SonarQube

## **Awards & Recognition**

- Contextual Master Award for successfully managing a critical project transition onsite in Italy, ensuring seamless client interaction and delivery.

## **Certifications**

- AWS Certified Solutions Architect – Associate (*In Progress, expected 2025*)