

# Mohammed Pasha

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## Full Stack Software Engineer

### Professional Summary:

Full Stack Software Engineer with **6+ years of experience** building scalable, cloud-based applications using **Java, Spring Boot, Node.js, Angular, React**, and modern microservices architecture. Strong backend engineering background with hands-on experience designing RESTful services, optimizing distributed systems, and integrating third-party APIs. Skilled in AWS, CI/CD pipelines, containerization, and SQL/NoSQL databases.

Recently gained working knowledge of **C#, .NET Core, and Web API** through API integration and cross-team collaboration. Recognized for clean code practices, problem-solving ability, and cross-functional teamwork in fast-paced Agile environments.

### Technical Skills

- **Backend:** Java, Spring Boot, Spring MVC, Spring Security, Node.js, Express.js, C# (working knowledge), .NET Core (exposure), Web API
- **Frontend:** Angular, React.js, JavaScript, HTML5, CSS3, Bootstrap
- **Cloud & DevOps:** AWS (EC2, S3, Lambda), Docker, Kubernetes, Jenkins, GitHub Actions, Terraform
- **Databases:** PostgreSQL, MySQL, SQL Server (working knowledge), MongoDB, Cassandra
- **Architecture:** Microservices, REST APIs, MVC, Event-Driven Architecture
- **Tools:** Git, JIRA, JUnit, Mockito, Selenium, Kafka
- **Practices:** Agile/Scrum, CI/CD, Test-Driven Development, Code Reviews

### Work Experience

Full Stack Software Engineer | Beneficial Tech Services | Chicago, IL

May 2024 to Present

#### Responsibilities:

- Designed and optimized Java 17 and Node.js microservices, improving API performance by ~30%.
- Modernized legacy modules into distributed microservices to improve scalability and reliability.
- Implemented secured authentication using OAuth2 and JWT for internal and external service integrations.
- Improved CI/CD pipelines using Jenkins and GitHub Actions to reduce deployment friction.
- Tuned PostgreSQL and MongoDB queries, resulting in faster reporting and high-volume data retrieval.
- Developed UI features in Angular and React, ensuring smooth integration with backend services.
- Collaborated on architecture improvements and cross-team development efforts.
- Worked alongside .NET teams on API integrations, gaining hands-on exposure to C# and Web API.

**Tech:** Java 17, Spring Boot, Node.js, Angular, React, PostgreSQL, MongoDB, AWS, Docker, Jenkins

Software Developer (Java/Node) | Deloitte | Chicago, IL

June 2022 to April 2024

#### Responsibilities:

- Developed high-traffic backend services handling 1M+ daily API calls using Java, Spring Boot, and Node.js.

- Migrated critical SOAP services to REST, improving maintainability and reducing response times by 35%.
- Built reusable Angular components and optimized UI workflows using modern JavaScript patterns.
- Improved system resilience by integrating Kafka for event-driven communication across microservices.
- Increased automated test coverage by ~25% using JUnit, Mockito, and Selenium.
- Deployed applications on AWS (EC2, S3, Lambda), reducing cloud costs by ~20%.
- Participated in architecture design sessions, code reviews, and API versioning discussions.
- Coordinated API contracts with .NET teams, gaining familiarity with C#, .NET Core, and API standards.

**Tech:** Java, Spring Boot, Node.js, Angular, AWS, Kafka, Selenium, JUnit, Docker

**Software Engineer | Workruit | Hyderabad, India**

**Sept 2018 to Aug 2021**

#### **Responsibilities:**

- Built and enhanced backend services powering a job-matching platform with 500K+ users.
- Developed UI functionality in React, improving onboarding flow and application engagement.
- Designed REST APIs using Spring Boot, reducing overall latency by ~30%.
- Integrated MySQL and Cassandra to support both transactional and analytical workloads.
- Implemented OAuth2 authentication and contributed to Docker-based deployments.
- Monitored AWS EC2/S3 environments and improved system uptime via optimized resource usage.
- Worked closely with PM and QA teams in an Agile environment with consistent sprint delivery.

**Tech:** Java, Spring Boot, React, MySQL, Cassandra, AWS EC2/S3, Docker, OAuth2

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#### **Education**

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- **Master of Science in Software Engineering**  
Lewis University – Romeoville, IL
- **Bachelor of Science in Computer Science**  
Jawaharlal Nehru Technological University (JNTUH), Hyderabad, India