

MOHAMMED ASEEF

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EXPERIENCE

Software Engineer 3

Dec 2025 – Present

Redwood Software – Jscape MFT, Hyderabad, India

- Performed migration of repositories to GitHub and implemented CI/CD pipelines thorough GitHub Actions, automating build, testing, and deployment processes.
- Designed and implemented proactive token renewal for long-running S3-to-SharePoint transfers, eliminating authentication failures caused by token expiration.
- Led the upgrade of Amazon Aurora MySQL from 5.7 to 8.0, improving database reliability, performance, and maintainability.
- Designed Azure AD-based authentication and authorization architecture for Azure Blob Storage, enabling secure tenant isolation for 80+ enterprise customers.
- Designing adaptive multipart uploads for Amazon S3 supporting 1+ TB transfers while optimizing memory usage and complying with the 10,000-part upload limit.
- Led production incident resolution and root cause analysis (RCA) while mentoring junior engineers through code reviews and technical guidance.

Senior Software Engineer

Dec 2021 – Dec 2025

Techmojo Solutions, Hyderabad, India

- Acted as associate lead, managing sprint planning, task allocation, and mentoring and unblocking engineers in an agile environment.
- Architected and developed Refer-a-Friend feature, increasing user acquisition by 19%.
- Designed real-time leaderboard system using WebSockets and Redis, supporting high concurrency and low latency.
- Improved message processing efficiency by 300% using asynchronous processing and optimized system design.
- Reduced API response times by 54% through performance tuning and scalable backend architecture.
- Optimized Kubernetes workloads, reducing infrastructure cost and resource usage by 67%.
- Led migration of microservices (Java 8 → 21, Spring Boot 2.x → 3.x) ensuring zero downtime and backward compatibility.
- Automated data workflows, reducing manual effort by 30+ hours/month.

Associate Software Engineer

Aug 2020 – Dec 2021

Arcserve, Hyderabad, India

- Resolved production incidents and performed root cause analysis for enterprise backup systems, improving reliability.
- Developed patches and fixes across multiple product releases, enhancing system stability.

SKILLS

Languages: Java, SQL

Backend: Spring Boot, Microservices, REST APIs, Distributed Systems, System Design, Event-Driven Architecture, Fault Tolerance, Scalable Systems

Cloud: AWS (S3, Aurora MySQL), Azure Blob Storage, Azure Active Directory (AAD)

Data/DevOps: MySQL, MongoDB, Redis, Apache Kafka, Docker, Kubernetes, Git, GitHub, GitHub Actions, CI/CD

EDUCATION

B.Tech, Computer Science and Engineering – Bapatla Engineering College

Aug 2016 – Sept 2020

CGPA: 8.4/10 (Distinction)