

Muhammad Owais Mushtaq

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Summary

Full-stack software development engineer with ~3 years of experience delivering SaaS products in Agile environments. Skilled in designing scalable architectures, building robust APIs and frontends, and automating CI/CD pipelines for cloud-native deployments. Contributed to multi-tenant systems, cloud enablement, and enterprise reporting.

Experience

Matrix Systems (Pvt) Ltd, Software Development Engineer II

July 2022 to Present

- Delivered end-to-end multi-tenant SaaS platform from requirements to MVP working with cross-functional teams.
- Designed scalable frontend/backend architecture and modernized legacy web apps using contemporary stacks.
- Developed RESTful APIs with Swagger docs, structured logging, and unit tests.
- Built dynamic and robotic reports in Jasper Studio using stored procedures and external data sources.
- Automated CI/CD using GitHub Actions, Jenkins, Bitbucket, SonarCloud, Lynx, Jacoco, Docker, and AKS.
- Migrated legacy C++ (MFC) utility to Azure Cloud with Blob-to-SQL uploads using BCP.
- Practiced Agile; sprint planning, backlog grooming, team collaboration, and code reviews.

Education

National University of Computer and Emerging Sciences - FAST

June 2018 to July 2022

Bachelors of Computer Science

CGPA: 3.02/4.0

Final Year Project: Researched Vision-based Human Activity Recognition, comparing Deep Learning methods (CNN, CNN+LSTM, Inception-V3, MobileNet) on the UCF-101 dataset. [Learn more](#) [🔗](#)

Technical Competencies

Languages & Frameworks: Java (Spring Boot), TypeScript (Angular), SQL, Hibernate, JPA**Backend Development:** RESTful APIs, OpenAPI-Swagger, Unit Testing (JUnit), Structured Logging, API Documentation**Frontend Development:** Angular, Bootstrap, Responsive UI/UX**DevOps & CI/CD:** GitHub Actions, Bitbucket Pipelines, Jenkins, Docker, Kubernetes (AKS), SonarCloud, Jacoco, Lynx**Database & Cloud:** SQL Server, Stored Procedures, Schema Design, Query Optimization, AWS**Productivity & Reporting:** Agile (Scrum/Kanban), Linux, JasperReports, Microsoft Office Suite, Confluence**Technical Writing:** Design Specs, Research Papers, SRS Documentation

Training

Aspire Leadership Program, Leadership Development Training

Jan 2024 to April 2024

- Engaged in leadership training, seminars, and networking with Harvard Faculty Members and global activists.
- Actively collaborated on projects supporting institutional goals and built valuable relationships with Aspire Leaders and professionals.