

# Muhammad Owais Mushtaq

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## Summary

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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.

## Education

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**National University of Computer and Emerging Sciences - FAST**  
Bachelors of Computer Science

June 2018 to July 2022  
CGPA: 3.02/4.0

## Experience

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**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.

## Technical Competencies

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**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

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**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.