


Mudasar Ahmad

I am a software engineer specializing in .NET, Angular, and enterprise software systems, with around 4 years of experience delivering solutions for high profile clients across industries, including Fortune 50 companies.

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EXPERIENCE

Netwrix, Remote — Software Engineer

November 2022 - PRESENT

- Contributed to the development and maintenance of Netwrix Directory Manager (formerly GroupID), a directory automation tool used by global enterprises.
- Resolved over 800 bugs across multiple modules, significantly enhancing product stability and quality.
- Revamped the Reports module with a modern UI, fixed critical issues, and took ownership of ongoing maintenance.
- Optimized directory synchronization by implementing new workflow capabilities.
- Collaborated with UI/UX designers, product managers, quality assurance engineers (QA), technical writers and support teams to align technical solutions with business goals.
- Delivered urgent, high-impact features for Fortune 50 clients under strict deadlines, with custom solutions.
- Collaborated directly with enterprise customers to troubleshoot issues, resolve escalations, and provide expert maintenance support.
- Improved performance and memory usage of key components, reducing peak memory consumption from ~90% to ~35%.

Imanami Corporation, Hybrid — Software Engineer

Lahore, Pakistan | February 2022 - November 2022

As a Software Engineer at Imanami, I have actively contributed to the release of GroupID version 11, which introduced significant enhancements to both the product's functionality and user interface.

- Developed and maintained key features of GroupID's Synchronize module.
- Collaborated closely with QA teams to identify and resolve bugs, ensuring high-quality code and reliable system performance.
- Partnered with UI/UX Engineers to implement intuitive designs and ensured that the application aligned with the company's design standards.

SKILLS

Programming Languages:

C#, TypeScript (TS), JavaScript (JS)

Frameworks & Platforms:

HTML, CSS, Bootstrap, jQuery, .NET (Core, Framework), Angular, React, Identity Server, Microsoft Identity Framework, Entity Framework (ORM), MediatR, SignalR

Infrastructure & Databases:

Azure AD, Active Directory, SQL Server, Elasticsearch

Tools & IDEs:

Visual Studio, Visual Studio Code, SQL Server Management Studio (SSMS), dotMemory, Postman, Git (Version Control), Azure DevOps (work item tracking system, similar to JIRA, Trello etc)

AI-assisted Development Tools:

Claude Code, Windsurf, ChatGPT Enterprise

Other:

RESTful APIs, ASP.NET MVC, MVVM, .NET Core, IIS, .NET Framework 4.5+, CQRS, LINQ, TSQL, Microservices, Stored Procedures, Indexing, DDL/DML, CTEs, Caching Mechanisms, Fast learner / Quick to adapt, Team player, Self-Driven,

PROJECTS

Dubai Wheels — Web Application

Refactored and optimized codebase to improve maintainability and resolve code smells.

- Implemented secure authentication and authorization services using Microsoft Identity Framework.
- Addressed security vulnerabilities and fixed critical bugs to enhance application stability.
- Collaborated with the product owner to deliver timely improvements and ensure high-quality user experience.
- Utilized .NET 8, Entity Framework, MS SQL Server, Angular 18
- Application accessible at dubaiwheels.ae.

Sports Management System — Web Application

Developed a web-based application for institute sports departments to manage tournaments, teams, blogs, equipment, and users.

- Implemented tournament management features including team registration, fixtures generation, automated points table, and role-based access (admin, head of sports, captain).
- Built a blogging system with content moderation, embedded media support, and comment handling.
- Integrated leave and equipment management modules for inventory tracking and request workflows.
- Utilized ASP.NET Core 3.1, Entity Framework Core, SQL Server, JavaScript, jQuery, Bootstrap 4, and Visual Studio 2019.

Communication Skills, Collaborative, Willingness to learn, Self-motivated, Design Patterns, XML, JSON, Unit Tests, OAuth, OIDC, JWT, Cookies, Code Reviews, Software Development Life Cycle (SDLC), Agile, Relational Databases, Zero Trust Architecture principles, Secure System Design, Attention to detail, Debugging, OWASP Security Guidelines, Full Stack Developer, Web development, Web Services

EDUCATION

B.S. in Computer Science

2017 — 2021

CGPA 3.10 / 4.00

Government College University,
Lahore

Relevant Coursework:

Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Software Engineering, Operating Systems (OS), Database Systems, Artificial Intelligence (AI), Compiler Construction, Computer Architecture, Information Security.

Intermediate (Pre-Engineering)

2015 — 2017

Grade - 80%

Forman Christian College, Lahore

Matric

2003 — 2015

Grade - 92%

Divisional Public School, Lahore