| 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. | 🏠 **Address:** [Lahore, Pakistan](https://maps.app.goo.gl/U4Gf4tBHqmaba1jWA)  **📞 Phone:** +92 301-3404987  **📧 Email:** [mudasarahmad150@gmail.com](mailto:mudasarahmad150@gmail.com)  **🔗** [**Github -** mudasarahmad42](https://github.com/mudasarahmad42)  **🔗** [**Personal Website**](https://mudasarahmad42.github.io/)  **🔗** [**Linkedin -** mudasarahmad150](https://www.linkedin.com/in/mudasarahmad150/) |
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| EXPERIENCENetwrix, Remote — *Software Engineer*FEB 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%. PROJECTSDubai 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](http://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. | 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, 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 |