

Mehmood Ahmed

Personal Information

Address: 142-Q Block, Sabzazar, Lahore, Punjab, Pakistan

Phone: +923074747500, +92 312 4304336

Email: mmehmoodahmed@outlook.com,
mehmoodahmeddin@gmail.com

LinkedIn: <https://pk.linkedin.com/in/mehmoodahmed0>

Date of Birth: 14/10/1985

Nationality: Pakistani



Professional Profile

Highly skilled Principal Software Engineer with 14 years of experience in web and desktop application development. Expertise in software architecture and leading development teams. Demonstrated ability to deliver high-quality software solutions within deadlines, excelling in dynamic, demanding environments while remaining pragmatic and focused. Strong technical foundation in a wide range of programming languages and frameworks. Extensive experience working with local and offshore clients.

Work Experience

Principal Software Engineer

Jan 2023 - Present

CureMD, Lahore

- Developed major features for healthcare software solutions, enhancing patient care and streamlining administrative processes.
- Technologies: Angular, .NET 7 (Core) Web API, MongoDB, SQL Server.
- Achievements: Enabled mobile access through .NET Web APIs, ensuring compliance with HL7, HIPAA, and other standards.

Software Architect/Team Lead

Feb 2017 - Jan 2023

Tekfirst (Pvt.) Ltd, Lahore

- Directed a team of software engineers in developing comprehensive web applications across various domains such as car rental systems, CMS, and property management systems.
- Technologies: ASP.NET Core, ReactJS, NodeJS, SQL Server, MariaDB.
- Achievements: Successfully led the development of complex applications, improving operational efficiency and user experience.

Senior Software Engineer

Oct 2013 - Jan 2017

Softech Systems (Pvt.) Ltd, Lahore

- Key contributor to the development and implementation of robust software solutions focusing on high scalability and performance.
- Technologies: ASP.NET MVC, Entity Framework, AngularJS, MySQL.
- Achievements: Delivered high-performance solutions, enhancing system reliability and user satisfaction.

Software Engineer

Dec 2009 - Aug 2013

NetSol Technologies, Ltd, Lahore

- Developed and maintained a range of software products, enhancing functionality and user experience.
- Technologies: ASP.NET, WCF, SQL Server, jQuery.
- Achievements: Received the Performance Excellence Award in 2011 for outstanding contributions.

Education

Bachelor of Science in Computer Science

2009

Superior University, Lahore

Certifications & Awards

- Microsoft Certified Solutions Developer
- Performance Excellence Award, NetSol (2011)

Technical Skills

- **Programming Languages & Frameworks:** ASP.NET/Core MVC/Web API (.NET 6/7), ReactJS, Angular, NextJS, NodeJS (ExpressJs/NestJs), C#, JavaScript/JQuery, ASP.NET MVC3/4/5, WCF, Entity Framework Core 6, ORM, Entity Framework, ADO.NET, Enterprise Library
- **Databases:** SQL Server, MySQL, MariaDB, MongoDB (Familiar), Oracle (Familiar), SQLite (Familiar)
- **API Integration:** RabbitMQ, Magento, Xero, Shopify, UPS Shipping
- **Other:** PowerBuilder

Projects

CureClient

- **Scope:** Healthcare software solution for patient registration, diagnoses, diseases, allergies, medications, messages, appointment scheduling, patient records management, billing, reporting, and prescriptions.
- **Role:** Developed major features for healthcare software solutions, focusing on enhancing messages, patient and prescription details.
- **Technologies Used:** Angular, .NET 7 (Core) Web API, MongoDB, SQL Server.
- **Achievements:** Enabled mobile access through .NET Web APIs, ensuring compliance with HL7, HIPAA, and other standards.

Practice Management System (PMS)

- **Scope:** Streamlined administrative tasks in healthcare, including appointment scheduling, patient records management, billing, and reporting.
- **Role:** Developed major features to enhance patient care and streamline administrative processes.
- **Technologies Used:** Classic ASP, ASP.NET (Web Forms), .NET Web API, .NET Core, SQL Server.
- **Achievements:** Ensured compliance with HL7, HIPAA, and other standards through .NET Web APIs.

Practical Car Rental (Widget)

- **Scope:** Web-based application for car rental inquiries or bookings, with branch and vehicle availability search.
- **Role:** Integrated with franchise backend portal for rental order processing.
- **Technologies Used:** ASP.NET Core Web API (.NET 6), Entity Framework Core 6, jQuery/JavaScript, SQL Server.
- **Achievements:** Streamlined rental inquiry and booking process, enhancing user experience and backend processing.

CMS (Interceramica)

- **Scope:** Web-based content management system for managing menus, image carousels, showrooms, products, and pages.
- **Role:** Led development of services/APIs, admin, and end-user portals.
- **Technologies Used:** Node.js (ExpressJS/NestJs), React.js, Next.js, MariaDB.
- **Achievements:** Implemented versatile page design system using static and server-side dynamic widgets.

Car Rental Reservation/Booking System (Practical)

- **Scope:** Comprehensive system for managing car rentals, reservations, and online web bookings for multiple franchises.
- **Role:** Key contributor to backend and frontend development, focusing on scalability and efficiency.
- **Technologies Used:** ASP.NET MVC5, Entity Framework, jQuery/JavaScript/AngularJS, SQL Server.
- **Achievements:** Enhanced franchise management and financial reporting.

Lister Haigh

- **Scope:** Web-based application mapping jobs to properties and clients, offering advanced search capabilities.
- **Role:** Contributed to backend and frontend development, emphasizing user experience and functionality.
- **Technologies Used:** ASP.NET MVC5, Entity Framework, jQuery, JavaScript, AngularJS, MySQL.
- **Achievements:** Enhanced job and property management with intuitive mapping and search functionalities.

Kap Motors Group

- **Scope:** Web CMS incorporating a sales purchase system for new and used cars, including a finance calculator.
- **Role:** Led software development, focusing on dynamic content creation and financial calculations.
- **Technologies Used:** ASP.NET MVC4, Entity Framework, jQuery/JavaScript, MySQL.
- **Achievements:** Streamlined car sales and quotation generation, integrating a third-party finance calculator.

Hospital Information Management System

- **Scope:** Online platform managing hospital operations, including patient registration, billing, and report generation.
- **Role:** Integrated with backend inventory system and customized options for end-users.
- **Technologies Used:** ASP.NET MVC4, Entity Framework, jQuery/JavaScript, MySQL.
- **Achievements:** Improved hospital operational efficiency and patient care through customized solutions.

Clinic Connect

- **Scope:** System comprising three web portals for clinics, consultants, and patients to manage appointments and billing.
- **Role:** Led development of each portal, focusing on user experience and functionality.
- **Technologies Used:** ASP.NET MVC4, jQuery/JavaScript, MySQL.
- **Achievements:** Enhanced healthcare management by streamlining the appointment and billing processes.

Authority Management System

- **Scope:** Web application for defining users, roles, departments, and privileges within a company.
- **Role:** Key developer in the system's frontend and backend development.
- **Technologies Used:** ASP.NET MVC3, jQuery/JavaScript, MySQL.
- **Achievements:** Improved organizational structure and access control through a comprehensive management system.

Inventory System

- **Scope:** Web application for managing sales, inventory, and integrating with Magento and Shopify for online sales.
- **Role:** Developed and integrated with external platforms and APIs.
- **Technologies Used:** ASP.NET MVC4/Web API, jQuery/JavaScript, MySQL.
- **Achievements:** Streamlined inventory and sales management, enhancing efficiency and platform integration.

Fixed Asset

- **Scope:** System for managing the lifecycle of assets, including acquisition, depreciation, and disposal.
- **Role:** Developed the system, focusing on asset management efficiency.
- **Technologies Used:** ASP.NET MVC3, jQuery/JavaScript, MySQL.
- **Achievements:** Enhanced asset management through a comprehensive lifecycle management system.

Contract Management System (CMS)

- **Scope:** Financial application for managing lease and loan contracts, integrating with various banking modules.
- **Role:** Contributed to key modules such as account receivable management and contract activation.
- **Technologies Used:** WPF, PowerBuilder.
- **Achievements:** Streamlined financial operations for finance companies and dealers through efficient contract management.

Point of Sale (POS)

- **Scope:** Web-based application generating proposals and quotations for the CMS.
- **Role:** Integrated POS with CMS for efficient proposal submission.
- **Technologies Used:** Silverlight, SQL Server.
- **Achievements:** Enhanced sales processes with an efficient proposal and quotation generation system.

Proposal Generation Service (PGS)

- **Scope:** Web service for loading contracts into the CMS and validating business rules.
- **Role:** Developed the service to serialize data into XML format for the CMS.
- **Technologies Used:** ASMX/WSDL.
- **Achievements:** Improved contract management efficiency by automating data loading and validation.

Data Purging Utility for CMS

- **Scope:** Utility for purging contract data and performing database performance operations.
- **Role:** Developed the utility to manage database size and performance.
- **Technologies Used:** PowerBuilder Windows Form.
- **Achievements:** Enhanced database performance and management through effective data purging and optimization techniques.

Professional Skills & Competencies

- Leadership & Team Management
- Requirement Analysis & System Design
- Software Development & Testing
- Continuous Integration & Deployment
- Quality Assurance & Best Practices
- Client Engagement & Project Management

Languages

- **English:** Fluent
- **Urdu:** Native proficiency

Interests

- Web development and new technologies

- Reading about software architecture and design patterns
- Watching movies

References

Available upon request