

Muhammad Aarsalan

Principal Software Engineer

📍 Punjab, Pakistan 📅 1999-01-01 🇵🇰 Pakistani

PERSONAL SUMMARY

Principal Software Engineer and Full Stack Developer with 7+ years of experience in .NET and Angular, focused on building scalable, high-performance applications. Proven track record of delivering clean, maintainable architecture and leading development efforts to create reliable, business-driven solutions.

CAREER HISTORY

01/2024 – Present
Lahore

Abram Soft (Pvt) Ltd

Principal Software Engineer

I have worked on building and maintaining web applications using ASP .NET Core, C#, Angular, and SQL Server. My role involved developing backend APIs, creating user-friendly interfaces, and making sure everything runs smoothly. I've worked with database management, optimized queries for better performance, and integrated third-party APIs like Stripe and Google Maps.

02/2021 – 11/2023
Lahore

Alpha Technologies Private Limited

Senior Software Engineer

- Developed object-oriented software, including Client and Admin Portal for use in Finance and Marketplace industries.
- Wrote technical requirements for each feature and component before working on it.
- Implemented innovative systems for data collection, storage, and management of customer orders.
- Developed code fixes and enhancements for inclusion in future code releases and patches.

05/2020 – 01/2021
Lahore

Codered Solutions

Software Engineer

Working at Codered Solutions is an entirely different experience. We've heard over and over that we speak our clients' language, and we take the time to explain the options fully. More importantly, we listen to our clients, discuss real issues, troubleshoot their problems.

03/2019 – 04/2020
Lahore

Codered Solutions

Intern Software Engineer

- Assisted in developing and maintaining web applications
- Collaborated with team members on coding, testing, and debugging
- Wrote basic database queries and supported performance improvements
- Troubleshoot issues and contributed to documentation

PROJECT

Exam App- Recruitment

- Innovative exam application, designed for streamlined recruitment processes, is a comprehensive solution developed in .NET and Angular.
- Features specialized dashboards for HR personnel, managers, administrators, and candidates.

- Dynamic test creation feature generates exams in real-time from a rich question bank, customized based on domain and difficulty level.

Telecommunication Companies Web Portal (USA)

- Developed an innovative web portal for leading U.S. telecommunication companies.
- Leveraged modern technologies like e-SIM for seamless connectivity and enhanced user experience.
- Implemented real-time account management, advanced security protocols, and AI-driven customer support.

Enterprise Recruitment & Assessment System

Developed a scalable recruitment platform using ASP.NET Core and Angular. Implemented role-based dashboards and dynamic exam generation with real-time evaluation to streamline hiring processes.

Healthcare Management System

Designed and developed a system for patient records, appointment scheduling, and billing using ASP.NET Core and SQL Server with secure, role-based access.

SaaS-Based Project Management System

Built a multi-tenant SaaS platform using ASP.NET Core and Entity Framework with REST APIs, authentication, and scalable architecture.

Financial Dashboard & Reporting System (FinTech)

Developed a data-driven dashboard using .NET Core and Angular with real-time reporting and analytics to support business decision-making.

E-Commerce Web Application

Developed a full-featured e-commerce platform with product management, cart system, and payment integration using .NET and Angular.

Other projects

- With experience across numerous projects, only a few key projects are highlighted below to demonstrate my core expertise and capabilities.

TECHNICAL SKILLS

Stack

- ASP .NET Core (MVC, Web API, Razor Pages)
- Entity Framework Core
- DJANGO (Python)
- LARAVEL (PHP)
- MERN Stack

Web Technologies

- HTML
- CSS
- Bootstrap
- JavaScript
- TypeScript
- ANGULAR
- BLAZOR
- REACT
- jQuery
- AJAX

Languages

- C#
- C++
- Java
- Php
- Node Js
- Python

Databases

- SQL SERVER
- MySQL
- MongoDB
- Database Design & DBMS

SKILLS

Professional Skills

- Problem solving skills
- Can work under pressure
- Target oriented
- Quick learner
- Developing Initiative
- Highly self-motivated

EDUCATION HISTORY

2024 – 2026 Lahore	Master's degree, Computer science Forman Christian College
2019 – 2023	BS Information Technology (BS-IT) • CGPA: 3.73
2016 – 2018	Intermediate-FSc • Grade: A+
2014 – 2016	Matriculation • Grade: A+

LANGUAGES

English	● ● ● ● ●	Urdu	● ● ● ● ●
Punjabi	● ● ● ● ●		

HOBBIES

- Sports
- Internet Surfing
- Travelling

Certificates

- C# & ASP .NET CORE/ASP .NET MVC
- Exam 486: Developing ASP.NET MVC Web Applications
- Web Design & Development
- Exam 480: Programming in HTML5 with JavaScript and CSS3
- Exam 487: Developing Microsoft Azure and Web Services
- Microsoft Certified: Azure Fundamentals
- MCSD: App Builder — Certified 2020