

Zaid Rizwan

Software Engineer | .NET | Cloud | AI (Agentic Systems & LLMs)

📍 Lahore, Pakistan

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Core Competencies

- System Design & Scalable Architecture
- Object-Oriented Programming (OOP)
- REST API Development
- Performance Optimization
- AI Integration & Automation
- Problem Solving & Analytical Thinking

Skills/ Expertise

Backend

- ASP.NET Core, .NET 6, 8, 10
- Entity Framework Core, LINQ
- REST APIs, Dependency Injection
- NUnit / xUnit (TDD/BDD)
- Java (Selenium)

Cloud

- Azure (App Services, Azure OpenAI)
- AWS (EC2, RDS, S3)
- CI/CD (Octopus, Azure DevOps)

Frontend

- Angular, ReactJS
- HTML5, CSS3, Bootstrap
- JavaScript / jQuery
- Blazor

AI & Emerging Technologies

- Azure OpenAI
- Agentic AI Systems
- LLM Integration
- Prompt Engineering
- AI-powered Search Systems
- Model Context Protocol (MCP)

PROFESSIONAL SUMMARY

Software Engineer with 6+ years of experience specializing in .NET Core, cloud-based architectures, and scalable enterprise systems. Proven expertise in delivering high-performance solutions across fintech, banking, and enterprise domains.

Experienced in ASP.NET Core, Angular and Azure with recent focus on AI-driven applications using Azure OpenAI, Agentic AI systems, and LLM integrations.

Strong ability to design, optimize, and deliver intelligent, scalable, and reliable systems, with a growing specialization in AI-powered automation and search solutions.

EDUCATION

BSIT - Hons

2016 - 2020

Graduation - University of Sargodha

3.48 / 4.00 CGPA

PROFESSIONAL EXPERIENCE

Tkxel, Lahore

March 2025 – Present

Senior Software Engineer

Project: 1andfund – Fintech Lending Platform

A scalable fintech platform supporting lender onboarding, loan lifecycle management, and financial operations.

Responsibilities & Achievements:

Developed backend services using ASP.NET Core for financial workflows
Built responsive UI using Angular
Improved system performance, scalability, and platform reliability
Integrated Django-based services for external system communication
Delivered multiple high-impact features for fintech clients
Ensured secure and efficient handling of financial data

Technologies: ASP.NET Core, Angular, SQL Server, Django, Azure

Current Work (Ongoing Project Contribution)

Agentic AI Integration – CDS Application (Azure OpenAI, Blazor)

Working on Statement of Work (SOW) for implementing Agentic AI solutions
Integrating Azure OpenAI services into enterprise applications
Enhancing CDS (Centralized Data System) with intelligent search capabilities
Developing AI-powered search query utilities for improved data retrieval
Implementing solutions in Blazor-based applications
Exploring autonomous workflows using AI agents for decision-making and automation

Database & Tools

- SQL Server, Postgres, MongoDB
- Git (Bitbucket, GitHub, GitLab)
- Jira, TFS

Certifications

- Introduction to agent skills,
- Building with the Claude API,
- Introduction to Model Context Protocol,
- Claude Code in Action

Languages

- English: Working Professionally
- Urdu: Native

References

- I can provide References of all experiences on demand

GrayMath, Lahore

Aug 2022 – March 2025

Senior Software Engineer

Project: Pie In The Sky – Real Estate Analytics & CRM Platform

A modern real estate management and analytics platform designed to handle investor, broker, and borrower workflows with advanced reporting and automation.

Responsibilities & Achievements:

Developed scalable backend services using .NET 6 and ASP.NET Core
Implemented REST APIs using Generic Repository Pattern for efficient data handling
Designed and enhanced Angular-based UI for improved user experience
Built financial modules for investors, brokers, and advisors
Integrated third-party services including Mailgun and AWS S3
Improved system performance, reliability, and maintainability

Technologies: ASP.NET Core, Angular, SQL Server, AWS (EC2, S3), Mailgun

Project: ADAX – Real Estate Multi-Tenant Platform

A modern real estate management and analytics platform designed to handle investor, broker, and borrower workflows with advanced reporting and automation.

Responsibilities & Achievements:

Contributed to development of multi-tenant real estate platform
Managed deployments and infrastructure on AWS (EC2, RDS, S3)
Developed and maintained MVC-based modules and APIs
Implemented secure and scalable data handling for financial transactions
Enhanced system stability and ensured high availability

Technologies: ASP.NET MVC, SQL Server, AWS, jQuery, Octopus Deploy, Bitbucket, Jira

AutoSoft Dynamics, Lahore

Jan 2021 – Aug 2022

Software Engineer / Developer

Project: AutoBanker – Enterprise Banking Solution

A distributed banking application supporting retail, commercial, and international banking operations with high transaction processing capabilities.

Responsibilities & Achievements:

Developed core banking features using ASP.NET MVC (3 & 5)
Implemented financial modules for transaction processing and reporting
Integrated APIs for external system communication
Worked on database design and optimization using SQL Server
Contributed to system scalability and high-volume transaction handling
Supported front-end development using HTML, CSS, jQuery, and AJAX

Technologies: ASP.NET MVC, SQL Server, jQuery, AJAX, HTML/CSS

Additional Projects

I have successfully completed numerous other projects encompassing various domains and technologies.