

# TAIMOOR RAZA

## TECHNICAL LEAD & FULL-STACK DEVELOPER



Dubai, UAE



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### PROFILE

Results-driven **Senior Software Engineer / Technical Lead** with **8+** years of hands-on experience in architecting and developing scalable, cloud-native, and AI-powered solutions. Proven expertise in **.NET Core, Python, Angular, ReactJS, Azure, GenAI, and microservices** across industries such as e-commerce, healthcare, SaaS, IoT, and telecom. Strong background in full-stack development, DevOps, cloud infrastructure, and AI/LLM integration. Adept at leading cross-functional teams, optimizing system performance, and delivering high-impact software products. Skilled in client engagement, partner enablement, and agile product delivery.

### WORK HISTORY

#### **Technical Lead** | Sana Commerce **10/2022 – Present**

- Lead architecture and development of the Developer Portal using .NET, GraphQL, DocFx, and Azure, enabling seamless access for 2,500+ active developers.
- Build automated code scanning tools with .NET background services to track SDK changes, reducing manual documentation by 30%.
- Design and implement Sana SafeTrack, a microservices solution on Azure Kubernetes (AKS), automating vulnerability detection for 800+ retail stores with real-time alerting and dashboards.
- Develop an internal AI Assistants using OpenAI, Python, and Django, fine-tuned on proprietary data for different departments.
- Architect an agentic RAG (Retrieval Augmented Generation) server using OpenAI, Python, Django, HuggingFace, LangChain, Cohere, Chroma and vector & semantic search to deliver grounded, context-aware answers over proprietary code and documentation, reducing time-to-resolution for developer issues.
- Build a Model Context Protocol (MCP) server to securely expose internal APIs, tools, and knowledge bases to LLM assistants, standardizing AI integration and accelerating rollout of new GenAI workflows across teams.
- Create and manage CI/CD pipelines and upgrade monitoring systems with Azure Log Analytics and Azure Monitor.
- Support 12+ technical partners in building custom integrations and extensions.
- Produce official SDK training videos (5+ hours) used in onboarding 300+ developers and partners.

### PROFESSIONAL MEDIA

- **LinkedIn:**  
[www.linkedin.com/in/taimoor49](https://www.linkedin.com/in/taimoor49)
- **Github:**  
<https://github.com/tr049>
- **Website:**  
<https://about.me/taimoor.raza>

### EDUCATION

- **GenerativeAI - Nanodegree**  
Udacity (In Progress)
- **Bachelors – BS Computer Science**  
PUCIT- Punjab University College of Information Technology (2017)
- **FSc Pre-Engineering**  
Government College of Science (2013)

### SKILLS & COMPETENCIES

#### **Programming Languages:**

C#, JavaScript, Typescript, Java, Python

#### **Frameworks & Technologies**

.NET / .NET Core, .NET MAUI, Blazor, Asp.Net, Angular, RxJx, ReactJS, Redux, Ionic Framework, Django, IdentityServer4, Microservices, Docker, Entity Framework, Web API, SignalR, RabbitMQ, GRPC, CQRS, MediatR, Hybrid Applications

#### **AI & Machine Learning:**

Prompt Engineering, RAG (Retrieval Augmented Generation), MCP (Model Context Protocol), Agents, OpenAI API, Gemini API, LangChain, LangSmith, QLoRA, CrewAI, n8n, Model Fine-Tuning, AutoGPT, Huggingface, Cohere

#### **Cloud & DevOps:**

Azure, AWS, CI/CD, Infrastructure Automation, Monitoring and Logging, Cloud Migration & Management, Cloud Development, Active Directory

#### **Databases & Caches:**

SQL Server, PostgreSQL, MongoDB, InfluxDB, CosmosDB, DynamoDB, Redis, Memcached

## Senior Software Engineer | FirstScreen

03/2022 - 10/2022

- Led full-stack development of a multi-product SaaS platform (health, streaming, gaming) with ReactJS (Redux, Hooks) and .NET 6, serving 400,000+ users.
- Upgraded the financial system with carrier billing (DOB), subscription, and refund management features.
- Integrated 6+ global telecom operators/aggregators using SOAP, REST APIs, and WebSocket, enabling international payments.
- Built monitoring tools with Azure Log Analytics, reducing downtime by 30%.
- Developed CI/CD pipelines using Azure DevOps and TeamCity.
- Created scalable background worker services with SQL Server and Azure Service Bus for high-volume data handling.
- Implemented Azure AD authentication across internal tools with cross-functional teams.
- Streamlined partner integrations for a global, high-volume payment platform, improving performance and scalability while enhancing system stability and reducing delivery friction.

## Senior Software Engineer | NorthBay Solutions

02/2021 - 03/2022

- Developed a hybrid cross-platform app using Angular/Ionic 5, enabling real-time collaboration among 100,000+ users.
- Architected backend with Java Spring Boot + PostgreSQL on AWS Beanstalk/GCP, integrating CometChat and role-based access control.
- Built ETL pipelines using .NET Core 6 and Azure (SQL, Blob Storage, Redis) for multi-source data aggregation.
- Migrated legacy .NET Framework MVC app to .NET 6 MVC, improving security and maintainability.
- Created an identity management system with IdentityServer4, supporting OAuth2 for 2,000+ users.
- Improved data query speed by 90% using Azure OpenSearch and query optimization.
- Designed microservices-based architecture, containerized with Docker for cloud-agnostic deployment.
- Enhanced system performance with EF Core tuning, CORS optimization, and .NET Core Worker Services.
- Collaborated directly with clients, gathering requirements, solving issues, and delivering features in Agile sprints.

## Soft Skills

- Excellent Communication Skills
- Team Leadership
- Strategic Thinking
- Creative Problem Solving
- Collaboration & Teamwork
- Adaptability & Resilience

## CERTIFICATIONS

### **(ZeroToMastery)**

- AI Engineering: RAG (Retrieval Augmented Generation) for LLMs
- Developing LLM Apps with LangChain
- Building AI Apps with the OpenAI API: GPT, DALL-E & Whisper
- Prompt Engineering Bootcamp
- Complete Python Developer in 2024
- The Complete Spring Boot Development

### **(Udemy)**

- MCP Masterclass: Complete Guide to MCP in Python
- AI Engineer Core Track: LLM Engineering, RAG, QLoRA, Agents
- The Complete Java Development Bootcamp
- Java MasterClass
- Getting Started .NET Core Microservices
- RabbitMQ
- Getting Started with .NET Core Identity Server 4 (Udemy)
- The Complete Xamarin Developer Course (Udemy)
- Complete React Developer (w/ Redux, Hooks, GraphQL) (Udemy)
- Introduction to Azure (A Cloud Guru)
- Introduction to Cloud Computing (A Cloud Guru)
- Angular - The Complete Guide (2023 Edition) (Udemy)
- Complete Python Developer (Udemy)
- Ruby on Rails (PASC)
- Linux Workshop (PASC)

**Senior Software Engineer** | Strategic Systems International  
**07/2017 - 01/2021 (Lahore, Pakistan)**

- Delivered cross-domain projects using .NET Core, Java, Angular, ReactJS, and both Hybrid & Native mobile platforms.
- Built a Hybrid monitoring app with Angular/Ionic, backed by ASP.NET Core Web API, InfluxDB, and SignalR, for machine telemetry and real-time updates.
- Maintained native Android healthcare app using Java, enhancing stability and features.
- Developed interactive dashboards for KPI tracking, data visualization, user/machine management, and geolocation using Google Maps API.
- Implemented WMBus protocol for IoT-based machine communication.
- Built Worker Services to detect anomalies, enforce constraints, and auto-generate missing data using C#, InfluxDB, and Razor Pages.
- Deployed and maintained applications on Azure VMs and other system servers.
- Interfaced directly with clients to gather requirements and provide technical support.
- Worked with: .NET Core 3.1, Ionic 3.0, MongoDB, InfluxDB, EF Core, Docker, Azure, and IoT hardware protocols.

**Intern Software Engineer** | AIMRL **06/2016 - 09/2016**

- Worked with peer development team on analysis, design, and implementation of CodinGame's replica using ROR.
- Developed AI agents in Python.

**REFERENCES**

- Available upon request
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**KEY ACHIEVEMENTS**

- Led development of **Sana Developer Portal** using .NET, GraphQL, and Azure for 2,500+ active developers.
- Built **Sana SafeTrack** on AKS, automating risk scans across 800+ stores.
- Developed an internal GenAI assistants (OpenAI, Python, Django) with agentic RAG and MCP over proprietary data, achieving 92% accuracy on developer queries.
- Created internal **AI Assistants** (OpenAI + Django) for different departments..
- Engineered **RAG** and **MCP** server foundations, strengthening AI infrastructure and boosting retrieval performance.
- Integrated **6+ telecom billing systems** via SOAP, REST, and WebSocket.
- Improved scalability and throughput of **mission-critical payment workflows** by optimizing integration architecture and cross-team processes.
- Reduced downtime by 30% using Azure-based **monitoring and alerting tools**.
- Migrated legacy apps to **.NET 6**, improving performance and security.
- Optimized data processing by 90% using **Azure OpenSearch and EF Core**.
- Delivered **5+ hours of SDK training**, onboarding 300+ developers.
- Developed **real-time hybrid apps** for IoT and healthcare systems.
- Built scalable **CI/CD pipelines and ETL services** using Azure and .NET.