

# SANA SIDDIQUI(B.TECH COMPUTER SCIENCE)

Dubai, UAE

📞 +971502968897 📩 sanasiddiqui.cs@gmail.com 🌐 <http://www.linkedin.com/in/sana-cs> 🛡️ [githubProj](#), [githubDSA](#) 🌐 [Portfolio](#)

## Professional Summary

Dedicated **Software Developer** with 4+ years of full-stack experience in **.NET Core, Angular, and SQL Server**, building and maintaining scalable, secure, and user-friendly web applications. Skilled in **C#, ASP.NET MVC, Web API, Entity Framework Core, ADO.NET, and SQL stored procedures**. Strong front-end experience with **Angular 12–17, TypeScript, JavaScript, HTML, and CSS**, integrating APIs and designing reusable components for dynamic user interfaces. Hands-on experience with **AWS deployment, Git-based CI/CD, and IIS hosting**. Focused on **clean code, system performance, and end-to-end project ownership** through Agile development practices.

## Technical Skills

**Frontend:** Angular 12–17, TypeScript, JavaScript (ES6+), jQuery, HTML5, CSS3, Angular Material, RxJS, NGXS

**Backend:** C#, .NET Framework, .NET Core 7/8, ASP.NET MVC, Web API, RESTful API, ADO.NET, Entity Framework Core, LINQ

**Database:** MS SQL Server, MySQL, Stored Procedures, Functions, Views, Joins, Query Optimization

**Architecture & Design:** Clean Architecture, Domain-Driven Design, API Gateway, Dependency Injection, CQRS

**Security:** JWT Authentication, Role-Based Access Control (RBAC), Middleware

**Tools & Platforms:** Visual Studio, VS Code, Git, GitHub, Postman, Swagger, SQL Profiler, IIS, AWS

**Testing / CI-CD:** Postman API Testing, Swagger Documentation, GitHub Actions (Basic CI/CD), Jenkins (exposure in previous company – observed code check-ins, build pipeline monitoring, issue identification, and next-step troubleshooting)

**Other:** JSON, 3rd-Party API Integration, Agile Methodology, Crystal Reports, Telerik UI

**Cloud & DevOps:** Docker (actively learning & building containers), Azure DevOps Pipelines – daily hands-on (code push → automated build/release → monitored runs → debugged failures using logs → fixed & deployed successfully)

## Experience

### Crowe UAE

March 2025 – Aug 2025

Sharjah, UAE

*Software Developer (Full Stack Developer)*

- Revamped an **Angular-based AML Screening application** with **Secure API Gateway, RESTful API integration, and AWS deployment**.
- Developed **reusable Angular Material components**, centralized **role-based authentication**, and implemented **NgRx state management** to enhance UI consistency and reduce development effort by 30–50%.
- **Collaborated** with technical teams to understand functional and non-functional requirements and contributed to system architecture and design.
- Supported business post-go-live by providing technical help and analyzing user feedback for future enhancements.
- Ensured software met KPIs in terms of **productivity, defect density, and performance**.

### Rideware Technologie

May 2023 – Dec 2024

Dubai, UAE

*Software Developer (Technical Lead/Full Stack Developer)*

- **Led a team of four developers** on a custom HRMS solution, designing backend APIs and frontend modules with Angular + .NET Core.
- Built encapsulated business logic using **Clean Architecture and Domain-Driven Design for maintainable code**.
- Optimized document storage using Lean methodology, reducing processing time by 70%.
- Managed GitHub-based CI/CD pipelines and ensured software was always in a releasable state.
- **Developed** dynamic UI components, CRUD operations, and dashboards, improving usability by 25%.
- Applied Agile practices and collaborated with the technical team to deliver complete end-to-end solutions.

### BMS Solutions

June 2022 – March 2023

Dubai, UAE

*Software Developer (Full Stack Developer)*

- **Developed** multiple web and mobile pages, fixed 600+ complex bugs, and handled API integration and testing.
- Built MSSQL stored procedures and Telerik reports for reporting modules.
- Collaborated with technical teams to implement functional and non-functional requirements.
- **Supported post-go-live** operations and collected user feedback for future releases.

### BMS Solutions

March 2022 – June 2022

Dubai, UAE

*Intern*

- Optimized SQL queries using SQL Profiler and contributed to GitHub repositories.
- Improved code quality by resolving 60+ tickets based on Sonar recommendations.
- Implemented JWT-based authentication by resolving 30+ tickets.

## Certifications / Training

- MECC AI Bootcamp 2025 (Selective 2-week program) – Built production-grade AI agents using RAG, LangGraph, DSPy, Ollama, and multimodal workflows for industrial corrosion detection and asset integrity. Oct 2025 – Nov 2025

## Projects

<b>Rideware HRMS Software</b>	<b>March 2023 - Dec 2024</b>
<ul style="list-style-type: none"><li>– Developed a full-featured HRMS application from scratch using Angular 12–17 and .NET Core, covering modules like Admin Dashboard, Employee Management, Attendance, Leave Management, Payroll, Meetings, and Loans.</li><li>– Built reusable Angular components, integrated RESTful APIs, and optimized database queries with MSSQL stored procedures.</li><li>– Designed dynamic, user-friendly UI with Angular Material and implemented role-based access control for secure operations.</li><li>– Ensured maintainability and scalability using Clean Architecture and Domain-Driven Design principles.</li><li>– Managed CI/CD workflows with GitHub, enabling continuous delivery and rapid feature updates.</li></ul>	
<b>AML Screening and monitoring solution</b>	<b>March 2025- Aug 2025</b>
<ul style="list-style-type: none"><li>– Contributed to a client portal for UAE banks to screen companies and individuals against sanctions databases.</li><li>– Integrated Angular front-end with .NET Web API, implemented JWT-based authentication, and added API Gateway for centralized security.</li><li>– Enhanced usability with interactive dashboards, charts, filters, and Excel integration for reporting.</li><li>– Improved data flow and fixed key reporting issues to optimize performance and system reliability.</li></ul>	
<b>Retail Analytics Copilot (AI Project, 2025)</b>	<b>Nov 2025- Nov 2025</b>
<ul style="list-style-type: none"><li>– Built a fully local AI agent using DSPy + Lang Graph for answering complex retail analytics questions.</li><li>– Combined RAG over PDF documents with SQL querying over SQLite (Northwind DB) to produce accurate, typed responses and insights.</li><li>– Implemented repair loops, structured outputs, and DSPy-optimized NL→SQL prompts to improve reliability and accuracy</li></ul>	
<b>GitHub Projects</b>	<b>May 2023- May 2025</b>
<ul style="list-style-type: none"><li>– <a href="#"><b>Dependency Injection (WebAPI)</b></a> --.net</li><li>– <a href="#"><b>CRUD in MVC5</b></a> --.net</li><li>– <a href="#"><b>.NET Basic Classes</b></a> --.net</li><li>– <a href="#"><b>Java Basic/CRUD</b></a> --java</li><li>– <a href="#"><b>OOPS in .Net</b></a> --.net</li><li>– <a href="#"><b>Angular Lazy Loading</b></a> --angular</li><li>– <a href="#"><b>Angular User Management</b></a> --angular</li><li>– <a href="#"><b>Smart Grid</b></a> --angular</li><li>– <a href="#"><b>React CRUD with Express.js</b></a> --react</li><li>– <a href="#"><b>React useState Menu</b></a> --react</li><li>– <a href="#"><b>Telerik UI Demo</b></a> --angular+telerik</li><li>– <a href="#"><b>Task&amp;ValueTask(.Net)</b></a> --.net</li><li>– <a href="#"><b>Retail Analytics Copilot</b></a> --python</li></ul>	