SANA SIDDIQUI(B.TECH COMPUTER SCIENCE)

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

Experience

Crowe UAE   March 2025 – Aug 2025

Software Developer (Full Stack Developer)   *Sharjah, UAE*
  - 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

Software Developer (Technical Lead/Full Stack Developer)   *Dubai, UAE*
  - **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

Software Developer (Full Stack Developer)   *Dubai, UAE*
  - **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

Intern   *Dubai, UAE*
  - 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

Rideware HRMS Software   **March 2023 - Dec 2024**

- 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.
- Built reusable Angular components, integrated RESTful APIs, and optimized database queries with MSSQL stored procedures.
- Designed dynamic, user-friendly UI with Angular Material and implemented role-based access control for secure operations.
- Ensured maintainability and scalability using Clean Architecture and Domain-Driven Design principles.
- Managed CI/CD workflows with GitHub, enabling continuous delivery and rapid feature updates.

AML Screening and monitoring solution   **March 2025- Aug 2025**

- Contributed to a client portal for UAE banks to screen companies and individuals against sanctions databases.
- Integrated Angular front-end with .NET Web API, implemented JWT-based authentication, and added API Gateway for centralized security.
- Enhanced usability with interactive dashboards, charts, filters, and Excel integration for reporting.
- Improved data flow and fixed key reporting issues to optimize performance and system reliability.

Retail Analytics Copilot (AI Project, 2025)   **Nov 2025- Nov 2025**

- Built a fully local AI agent using **DSPy + Lang Graph** for answering complex retail analytics questions.
- Combined **RAG** over PDF documents with SQL querying over SQLite (Northwind DB) to produce accurate, typed responses and insights.
- Implemented repair loops, structured outputs, and DSPy-optimized NL→SQL prompts to improve reliability and accuracy

GitHub Projects   **May 2023- May 2025**

- **• Dependency Injection (WebAPI)**--.net
- **• CRUD in MVC5** --.net
- **• .NET Basic Classes** --.net
- **• Java Basic/CRUD** --java
- **• OOPS in .Net** --.net
- **• Angular Lazy Loading** --angular
- **• Angular User Management** --angular
- **• Smart Grid** --angular
- **• React CRUD with Express.js** --react
- **• React useState Menu** --react
- **• Telerik UI Demo** –angular+telerik
- **•Task&ValueTask(.Net)** --.net
- **• Retail Analytics Copilot** --python