Ali Saleem

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**PROFESSIONAL SUMMARY**

As a Software Engineer, I bring a wealth of experience in .NET Core, Angular, and database management. My problem-solving skills and ability to collaborate effectively are matched by a steadfast commitment to keeping pace with industry trends. I am eager to leverage my practical approach and unwavering dedication to quality in contributing to innovative software solutions.

**EDUCATION**

* **Bachelor In Information Technology (BSIT)** **2019 - 2023**

Punjab University College of Information Technology (PUCIT), Lahore.

CGPA: (3.35/4.0)

* **Intermediate in Engineering (FSc.)** **2017 - 2019**

Punjab Group of Colleges, Lahore. Marks: (1013/1100)

* **Matriculation**  **2015 - 2017**

Lahore Public School, Mughalpura, Lahore. Marks: (1040/1100)

**TECHNOLOGIES AND LANGUAGES**

* **Languages:** C#, C++, C, Python, typescript, java script, sql.
* **Frameworks:** .NET Core, ASP.NET MVC, C# ADO.NET N-Tier, .NET window forms, .NET web forms, .NET Entity framework
* **Databases:** MySQL, SQL server, Oracle 11g.
* **Tools:** Git, GitHub, VS code, Visual Studio 2019, 2022 , Pycharm, Cursor, SQL server management studio.

**WORK AND EXPERIENCE**

**Software Engineer at CureMD** [August 2023 –Current]

* Developed and maintained .NET Core applications, including Windows Forms, Web Forms, and MVC projects, using Entity Framework for efficient data access.
* Led API development projects, collaborating with cross-functional teams to establish specifications and implement robust endpoints for seamless client integration.
* Utilized Angular to design dynamic, user-centric interfaces, focusing on modularity, state management, and performance.
* Contributed to Agile development processes, engaging in sprint planning, daily stand-ups, and code reviews to ensure timely delivery of high-quality software.
* Employed advanced troubleshooting and debugging techniques to swiftly resolve software issues, enhancing application stability and reliability.
* Conducted thorough software testing and diagnostics, aiding in the maintenance of embedded systems and ensuring optimal functionality.

**Freelancing at Fiverr**  [June 2021 – July 2023]

* Designed and implemented applications in C, C++, and Python, focusing on Data Structures and Algorithms (DSA) and Object-Oriented Programming (OOP), catering to diverse project requirements.
* Developed intuitive Windows Forms applications utilizing the .NET framework, significantly improving user experience and functionality, coupled with SQL Server for efficient data storage and retrieval.
* Engineered reusable code components, optimizing development processes for future projects and reducing overall project costs.

**MAJOR PROJECTS**

* **CureMD Domain API’s:**

**Role:** API Developer

**Technologies:** .NET Core, RESTful API, 3-Tier Architecture, Microservices

**Developed and implemented** RESTful APIs using .NET Core, adhering to microservices and 3-tier architecture principles to enhance modularity and scalability.

**Designed and optimized** API endpoints for seamless integration with various client applications, ensuring high performance and reliability.

**Established robust communication protocols** between microservices to facilitate efficient data exchange and processing.

**Implemented comprehensive error handling and logging mechanisms** to improve API robustness and facilitate troubleshooting.

**Utilized best practices in API design** to create clear and maintainable documentation, improving the ease of use for client developers.

* **CureClient:**

**Role:** Full Stack Developer

**Technologies:** Angular 16/17, Microservices, Library Development

**Developed multiple modules and standalone components** using Angular 16/17, following microservices architecture principles to ensure scalability and maintainability.

**Engineered a reusable library** of Angular components and services to streamline development and promote code reuse across various modules.

**Collaborated with cross-functional teams** to integrate Angular components with backend microservices, optimizing performance and ensuring smooth data flow.

**Applied best practices in Angular development**, including component-based design and reactive programming, to enhance application responsiveness and user experience.

**Contributed to the design and implementation** of user interfaces that are both intuitive and aligned with business requirements, enhancing overall application usability.

* **CureMD:** Worked on a health care product, built on .NET web forms, ASP .NET, compiled with HIPAA.
* **Code Battles (Final Year Project):** Developed a platform for coding competitions and social engagement using React, Django, and MongoDB, enhancing collaborative learning and competition.
* **Hospital Management System:** Implemented a comprehensive system for hospital operations management using Flask and Python, emphasizing efficient data handling and operations.
* **TODO Task Application:** Created a task management application with C#, leveraging Windows Forms for intuitive task CRUD functionalities.
* **Aroma Mocha:** Designed a restaurant management website with C# and ADO.NET, integrated with an SQL database for streamlined operational efficiency.
* **Sale Purchase System:** Engineered a retail management system with ADO.net C#, featuring a SQL Server database, user authentication, and dynamic shopping cart functionality.
* **Exam Master:** Developed a Python console application for administering MCQ exams and result compilation, providing an efficient educational tool.