

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

❖ SOAP XSS Detection And Sanitization Service:

Role Full Stack Developer

Technologies .NET Core, RESTful API, Web Forms, .NET ASP Classic

Developed and implemented RESTful API for cross scripting detection, Sanitization of SOAP. Integrated the feature in ASP classic and web forms.

Sanitization of SOAP text in order to remove inline events and malicious Keywords used for XSS.

Developed a **settings-based sanitization framework** enabling configurable inline event and malicious keyword removal, with customizable options to enforce user workflow interruption upon XSS detection.

Implemented a robust **logging mechanism** to track detected XSS patterns and keywords, utilizing stored procedures for efficient database management.

Ensured enhanced security and compliance by enabling proactive measures against **XSS threats** in SOAP-based workflows.

❖ AI-Scribe V2:

Role Full Stack Developer

Technologies .NET Core, RESTful API, Angular 17, SQL

Contributed to the development of **AI Scribe**, a solution for extracting and structuring clinical components from doctor-patient communication using GPT.

Developed the API and front-end functionality for managing **vitals**, a key **clinical component**, by integrating JSON data from GPT and ensuring seamless addition to the provider note.

Collaborated on enhancing the accuracy and usability of the clinical component extraction workflow, streamlining documentation for healthcare providers.

❖ 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.