

MUHAMMAD USAMA

Software Engineer

Innovative and task-driven web development professional with a strong track record in delivering cutting-edge solutions to meet company technology needs. Expertise in database development, UI design, coding, testing, and troubleshooting. Adept at rapidly incorporating client feedback to enhance and optimize features. Proven ability to drive projects to successful completion through creative and effective problem-solving.

Educational Background

Bachelor Of Computer Science

FAST - National University of Computer and Emerging Sciences
Aug 2019 - Jun 2023
Lahore, Pakistan

Work Experience

Software Engineer

AirCod Technologies Nov 2023 – Present
Full Stack Web Developer (.net framework)
Support & Maintenance Responsibilities for AirviewX - Website (Workflow Automation Product)

Projects:

- Implemented JWT for secure user authentication and authorization, enhancing application security.
- Developed and integrated SOAP and RESTful APIs for seamless data communication across platforms.
- Real-time file listener to monitor and react to file system changes instantly.
- Optimized queries and stored procedures, implemented pagination for efficient data management, and developed robust exception handling to improve system reliability.

Associate Academia Linkages

Systems Limited Aug 2023 – Jan 2024
Technical Content Writing for IT-Mustakbil Program, a technical training program (Programming, OOP, Database, Algorithm Design & Analysis, Data Structures)

Teaching Assistant

FAST-NUCES Fall 2022 & Fall 2023
Programming Fundamentals Course – Fall 2022
Blockchain & Cryptocurrency Course – Fall 2023

Projects

REAL-TIME TRANSLATOR FOR SIGN LANGUAGE

Final Year Project
Python-based system, for recognizing American Sign Language, utilizing Artificial Intelligence, Machine Learning, and Image Processing concepts.

Contact

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Interests

- Web Development
- Artificial Intelligence
- Filming

Acheivements

Third Place in FYP Competition

Competition held at Job fair '23
FAST-NUCES evaluated by industry representatives.

2nd Runner Up in SOFTEC 2023

Software Project Competition held at Softec '23. (Software Exhibition and Competition)

Skills

.Net Framework

- ASP.NET Core Web App
- ASP.NET Core Web API
- Entity Framework Core
- ADO.NET
- MVC Architecture
- Dapper

Front-end Tools

- HTML5
- css (Bootstrap, Tailwind)
- jQuery
- DevExtreme

Programming Languages & Other Technologies

- C++
- C#
- SQL
- Python
- JavaScript (Basic)
- AI/ML (Basics)

Soft Skills

- Communication
- Collaboration
- Adaptability