SYED MUHAMMAD MOJIZ ALI ZAIDI

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EDUCATION

Computer Engineering   **June 2027**
Abdullah Gul University   Kayseri

WORK EXPERIENCE

AI & Software Developer   **Sep 2023 – Jan 2025**
Agritronics   Swabi, PK

- Developed AI models for agricultural disease detection, ensuring secure data handling and encryption.
- Enhanced drone operational efficiency by 17% through optimized data analytics and secure data pipelines.

Junior Software Developer   **Feb 2023 – July 2023**
GIKI University   Swabi, PK

- Created secure web applications for international competitions, reducing development time by 30%
- Implemented protections against XSS, CSRF, and SQL injection using secure coding practices.

Software Developer   **Jan 2023 – Mar 2023**
Team Urban GIKI University   Swabi, PK

- Increased development team efficiency by 20% using optimized Python and C++ modules.
- Built a secure API-integrated chatbot for attendance tracking with access control measures

PROJECTS

Agricultural Disease Detection Drones| Python, OpenCV, TensorFlow   **Sep 2023 – Jan 2025**

- Built AI-based image processing models for early disease detection in crops, improving outcomes.
- Deployed models on edge devices using TensorFlow Lite to enable real-time predictions in the field.

Attendance Management System| Python, SQL, Flask, Secure Authentication   **Jan 2024 – Jun 2024**

- Developed a secure platform for attendance automation with user authentication and role-based access control.
- Secured backend interactions using prepared SQL statements and salted hash encryption.

International Student App| Flutter, Dart, Firebase, Firestore   **Oct 2024 – Jan 2025**

- Designed a cross-platform mobile app providing international students with event updates, emergency contacts, and academic resources.
- Utilized push notifications for real-time communication and FCM for backend integration.

Secure Chatbot Integration| Python, FastAPI, SQL, NLP, JWT Authentication   **Mar 2024 – Jun 2024**

- Built an interactive chatbot for academic use cases, enforcing cybersecurity principles including API encryption and user authentication via JWT.
- Applied NLP to refine responses and created an anomaly detection logging mechanism.

TECHNICAL SKILLS

Languages | Python, JavaScript, Java, C/C++, SQL, Ruby, R.
Frameworks | React, Django, Flask, WordPress, FastAPI.
Developer Tools | Git, Docker, Visual Studio Code, PyCharm, Eclipse,
Libraries | Pandas, NumPy, Matplotlib, Bootstrap, TensorFlow, jQuery, Redux
Cyber Security | Secure Coding Practices, Vulnerability Assessment, Data Protection, Encryption, Network Security