

MOHAMMAD ABDULLAH KHAN

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SOFTWARE ENGINEER

EDUCATION

Bachelor of Science in Software Engineering
Fast NUCES, Islamabad

Aug 2022 - Present

Courses: Data Structures, Web Development, Software Engineering, Database Systems, OOP, Programming Fundamentals, Software Design and Architecture, Human Computer Interaction, SCD, Software Quality Engineering, Operating Systems, Web Engineering, Computer Networks, Applied AI

TECHNICAL SKILLS

Languages: C++, C, C#, Java, JavaScript, HTML, CSS, Python

Technologies: MERN Stack, Node.js, React.js, Angular, RESTful APIs, MongoDB, MySQL, MSSQL.

Other Skills: UI/UX Design, Agile, CI/CD, Git, API Integration, Requirement Management, Software Testing, Team Leadership, Flask, Docker, Kubernetes, Artificial Intelligence, Microservices, DevOps, Software Quality Assurance, Document AI, Machine Learning, TensorFlow, Linux.

WORK EXPERIENCE

Project Manager

FreeFuel Energy Pvt. Ltd., Islamabad

March 2021 – April 2023

Led cross-functional teams in developing solar energy solutions, completing projects 15% ahead of schedule and increasing client satisfaction ratings by 30%.

Implemented agile methodologies and streamlined project management processes, resulting in a 25% boost in team productivity and significantly reducing project delivery times.

PROJECTS

AI Face Mask Detection System (2025): Built a custom SSD-based face mask detection system from scratch using PyTorch, Python, OpenCV, NumPy, Pandas, CUDA (GPU)

FreeFuel Management System (2025): Built a MERN-based internal platform with CI/CD automation via **GitHub Actions**, containerized with **Docker**, and deployed using **Kubernetes**.

Solar Solution Management System (2024): Built a MERN-based platform for solar products and solutions for FreeFuel.

Weather App (2024): Real-time weather app using HTML, Tailwind CSS, jQuery and Gemini API

Event Management System (2024): Automated financial operations with Java, MySQL, and Spring Boot.

TA & LD Management System (2024): Improved data efficiency by 25% with optimized queries in C#, MSSQL.

Requirement Engineering (2023): Delivered a complete SRS document for Fast University's student services.

Ecommerce Mobile App (2023): Developed using Flutter and Dart; designed UI on Figma.

Job Hunt App UI (2023): LinkedIn-like interface designed on Figma.