Saira Luqman

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SUMMARY

Innovative Software Developer with 3+ year of experience in full-stack web development using MERN stack. Proven expertise in enhancing application security by applying best practices in authentication, data encryption, and optimizing MongoDB configurations for improved performance and scalability. worked on a final year project (FYP) integrating AI and blockchain technologies, focused on building secure, scalable solutions. Passionate about exploring cybersecurity in the future, particularly in areas such as threat detection and secure coding.

EXPERIENCE

Associated software Engineer
Black Wolf Solution   July 2024 - August 2024, Lahore, Punjab, Pakistan · On-site

· At Black Wolf Solutions, I worked as a FullStack Developer Intern, focusing on web development projects using the MERN stack (MongoDB, Express.js, React.js, Node.js). My responsibilities included:
· Developing responsive, userfriendly interfaces with React.js.
· Building and integrating backend services using Node.js and Express.js.
· Managing and optimizing databases with MongoDB for scalability and performance.
· Collaborating with crossfunctional teams using Bitbucket, Jira, and Sourcetree to ensure smooth development cycles and efficient task management.
· Following Agile methodologies to meet project deadlines and client requirements.

Project Coordinator
AAASK Limited   January 2024 - March 2024, UK · Remote

· Skills: Jira · Marketing Strategy · Crossteam Collaboration

Software Engineer Intern
Devsinc   July 2023 - September 2023, Devsinc D tower Ghazi road lahore · On-site

· During my Summer Internship at Devsinc, I had the opportunity to work on a fullstack development journey, beginning with frontend technologies like HTML, CSS, JavaScript, and jQuery, followed by backend development with Node.js and Express.js. My final project, DinnerDash 2.0, is a MERN stack application that involved building a food delivery platform with features like user authentication, cart functionality, and admin dashboard management. The internship provided me with practical experience in web development, and I gained valuable skills in Github, collaboration, project management, and problemsolving in an agile environment.

Internship
Punjab Information Technology Board (PITB)   February 2023 - June 2023, Arfa tower lahore

· Facilitated the development of an in-house project management tool, assisting in streamlining operations and improving collaboration, which showcased skills leading to securing the internship.

PROJECTS

Fire Detection system using FPGA Board
November 2024 - December 2024

Full Stack Social Media App
FYP · October 2024 - December 2024

· Developed a scalable full-stack social media app, ensuring a seamless user experience, capable of handling more than 1 million monthly active users.

Weather Station with Remote Monitoring and Control
October 2024 - November 2024

PID Controlled Multi-Level Temperature Regulation System for Data Centers
April 2024 - May 2024

E-commerce
November 2023 - December 2023

Dinner Dash 2.0
August 2023 - September 2023

EDUCATION

Bachelor's degree, Computer Engineering
COMSATS Institute of Information and Technology · July 2025

FSC, Engineering
Superior College · August 2021

INVOLVEMENT

certificate of participation
COMSATS University Islamabad, Lahore Campus

Microsoft Student Ambassador
Microsoft · January 2024 – Present

Campus Ambassador
SOFTEC · January 2023 – Present

Director of Operations
COMSATS University Islamabad, Lahore Campus · October 2022 – Present

Student Ambassador
Devsinc · July 2022 – Present

Web Team Lead
IEEE RAS CUI Lahore · March 2022 – September 2024

certificate of WEB Designing
Punjab Board of Technical Education (PBTE), Lahore · March 2023 – August 2023

Training Course
PNY Trainings · August 2022 – February 2023

Management
COMSATS University Islamabad, Lahore Campus · March 2021 – December 2021

SKILLS

Industry Knowledge: Marketing Strategy, Mean Stack, ERD, XAMPP, Software Documentation, Control Systems Design, Field-Programmable Gate Arrays (FPGA), Smoke Detectors, Artificial Intelligence (AI), Software Solutions, Database Administration, Control Systems, Stack, Project Management Software, TypeScript, Project Management, Printed Circuit Board (PCB) Design, Computer-Aided Design (CAD), Full-Stack Development, Computer Engineering

Tools & Technologies: Bitbucket, C++, Redux.js, GitHub, Jira, Blockchain, Embedded Systems, Python (Programming Language), NoSQL, Java, HTML5, MERN Stack, React.js, PHP, MySQL, PhpMyAdmin, Laravel, HTML, Bootstrap, Cascading Style Sheets (CSS)

Interpersonal Skills: Cross-team Collaboration, Teamwork, Team Management

Languages : English, French, Urdu