

Saira Luqman

📍 Sialkot, Punjab, Pakistan ✉️ sairaluqman366@gmail.com ☎️ +92 313 6756843 🌐 in/sairaluqman

SUMMARY

Innovative Software Developer with 3+ years 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

System Engineer (MTO)

Mahr Textiles

August 2025 – Present

- Developing an AI chatbot to fully integrate and manage the company's ERP system via natural language.
- Designing and training machine learning models for data analysis and process automation.
- Enabling real-time ERP operations and decision-making through conversational AI.
- Collaborating with cross-functional teams to deploy scalable AI solutions aligned with business goals.

Associate software Engineer

Black Wolf Solution

July 2024 - August 2024, Lahore, Punjab, Pakistan · On-site

- At Black Wolf Solutions, I worked as a Full Stack Developer Intern, focusing on web development projects using the MERN stack (MongoDB, Express.js, React.js, Node.js). My responsibilities included:
- Developing responsive, user-friendly 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 cross functional 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 full stack 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 problem-solving 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

Blockchain-Based Counterfeit Product Detection System

FYP · September 2024 - July 2025

- Built a full stack blockchain app to detect counterfeit products using QR code verification and smart contracts.

Fire Detection system using FPGA Board

November 2024 - December 2024

Full Stack Social Media App

October 2024 - December 2024

- Developed a scalable full-stack social media app, ensuring 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 LAHORE (2021- 2025)

CGPA: 3.33

FSC, Engineering

Superior College (2018-2021)

Grade: A+

INVOLVEMENT

certificate of participation

COMSATS University Islamabad, Lahore Campus

Microsoft Student Ambassador

Microsoft • March 2023 – July 2025

Campus Ambassador

SOFTEC • January 2023 – March 2024

Director of Operations

COMSATS University Islamabad, Lahore Campus • October 2022 - Present

Student Ambassador

Devsinc • July 2022 – September 2024

Web Team Lead

IEEE RAS CUI Lahore • March 2022 – March 2023

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: MERN 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