

# Ameer Ali

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## PROFILE SUMMARY

Software Engineering graduate with practical experience in full-stack web development using React.js, JavaScript, Node.js, and MongoDB. Skilled in building responsive user interfaces, APIs, and database applications. Experienced in creating web applications from front-end to back-end. Seeking a Software Engineer Internship to apply technical skills and gain hands-on experience in real-world projects.

## PROJECTS

### CamTrack – AI-Based Surveillance & Monitoring System

Final Year Project

- Developed a real-time surveillance system using computer vision for motion and behavior detection.
- Implemented Optical Flow (Farneback method) for motion tracking and movement analysis.
- Integrated face detection to identify and track multiple individuals in video frames.
- Designed a proximity detection algorithm to measure distance between detected faces.

### E-Commerce Store

- Built a fully functional e-commerce web application using React.js and JavaScript. Implemented product listing, search and filter, shopping cart, and checkout features with responsive design.
- Used React Router for seamless navigation and Context API with useState and useEffect hooks for efficient state management across cart and user sessions.
- Styled the application using CSS3 and Tailwind CSS for a clean, mobile-friendly interface. Managed code with Git and deployed the project on GitHub.

## EDUCATION

### International Islamic University

2021 – 2025

Bachelor of Science in Software Engineering

Islamabad, Pakistan

### Superior College for Boys

2018 – 2020

Higher Secondary School Certificate (Pre-Engineering)

Pasrur, Sialkot, Pakistan

### Govt. High School No.1

2016 – 2018

Secondary School Certificate (Matric)

Pasrur, Sialkot, Pakistan

## TECHNICAL SKILLS

**Languages:** HTML, CSS, JavaScript, SQL (basic), Python (basic)

**Frameworks/Libraries:** React.js, Vue.js (basic), Bootstrap, Tailwind CSS, OpenCV (basic)

**Tools:** Git, GitHub, VS Code

## LANGUAGES

**English** (Fluent) | **Urdu** (Native) | **Punjabi** (Native)