



# Sohaib Ahmad

Full Stack Web Development

## Contact

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## Education

Bachelor of Science in Software Engineering  
Superior University Gold Campus  
2023 – 2027 (Expected)  
Current Semester: 6th

## Skills

**Languages:** C++, JavaScript,  
**Frontend:** HTML, CSS, React,  
Next.js, Tailwind CSS  
**Backend:** Nest.js, TypeScript  
**Database:** PostgreSQL, MySQL  
**Core Concepts:** DSA, OOP

## Summary

- Software Engineering student with strong skills in full-stack web development. Experienced in building scalable web applications with modern frontend technologies like React and Next.js, and backend systems using NestJS, TypeScript, and PostgreSQL. Passionate about clean code, backend architecture, and solving real-world problems.

## Projects

- Animal Trade Hub (Web Application)**
  - Developed a full-stack web application for managing animal listings and trade information
  - Built frontend using React / Next.js and backend using Nest.js
  - Implemented database integration and CRUD operations
  - Focused on real-world business use case and scalability
- SE Department Management System (Database Project)**

Developed a relational database system for managing Software Engineering department data using MySQL. Designed normalized tables, relationships, and queries for efficient data management and reporting.
- SE Department Management System (OOP – C++)**

Implemented a C++-based management system using core OOP principles such as classes, inheritance, and encapsulation. The system manages basic department entities and focuses on clean, modular, and maintainable code.
- Image Viewer (DSA – C++)**

Built a C++ based image viewer using core Data Structures and Algorithms concepts, focusing on efficient image handling, navigation logic, and memory optimization.

## Languages

Urdu

English