Haseeb Ahmad

haseebahmad0160@gmail.com | github.com/Haseebx162006

Skills

Languages: C/C++, Java, Python, SQL, C#
Backend Technologies: FastAPI, Django, REST APIs, JWT Authentication, RBAC
Frontend Technologies: React
Databases: MySQL, PostgreSQL, Supabase
Tools: Git, Linux, Docker (basic), Postman, VS Code

Education

COMSATS University, Lahore Campus Feb 2025 – Feb 2029
B.S in Computer Science CGPA: 3.93 / 4.00
Relevant Coursework: Programming Fundamentals, Object-Oriented Programming, Data Structures & Algorithms, Databases, Operating Systems, Discrete Mathematics

Project Work

- **E-Commerce Application (React + FastAPI):** Full-stack e-commerce platform with React frontend and FastAPI backend. Features include user authentication, product catalog, shopping cart, order management, and payment integration. Backend implemented JWT-based authentication, role-based access control (admin, seller, customer), and PostgreSQL database management.
- **File Storage Application (React + FastAPI):** Web-based file storage system with React frontend and FastAPI backend. Supports secure file upload, download, deletion, and metadata management. Implemented authentication, access control, and PostgreSQL integration for file tracking.
- **HOPMAN Game (Java, 2D):** 2D game with player movement, enemy collisions, animations, and score tracking. Developed using Java Swing with object-oriented design principles.
- **File Encryption and Decryption Tool (C++):** Command-line utility for secure file encryption and decryption using standard cryptographic techniques, focusing on data security and memory safety.

Certifications

- Python and Data Science – IBM
- Game Development in Unity – Coursera
- Flutter Development – Udemy

Awards

- 4th Position in Competitive Programming at University of Education
- 1st Position in Physics Exhibition: Arduino robotic car with voice, RC, and obstacle avoidance
- 1st Position in Kasur District in Matriculation and Intermediate Exam

Interests

- Game Development – Exploring new games and developing personal projects
- Artificial Intelligence / Machine Learning – Learning and experimenting with AI/ML projects
- Robotics – Working on Arduino and robotics-based projects
- Competitive Programming – Practicing algorithms and problem-solving challenges
- Listening to Music – Enjoying music to relax and stay motivated