ANKIT SINGH

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Education

KIET Group of Institutions Ghaziabad — **Sep. 2022 – June 2026**
Bachelor of Technology in Computer Science And Engineering, CGPA : 8.33 — *Ghaziabad, Uttar Pradesh*

Air Force School Hindan — **Aug. 2021 – June 2022**
Intermediate with PCM and Computer Science(Python), 96.2% School Topper — *Ghaziabad, Uttar Pradesh*

Experience

MongoDB Node.js Developer Intern — **May 2024 – June 2020**
Remote
- Designed and built a full-stack web application integrating MongoDB, a Node.js backend, and a React frontend.
- Implemented CRUD operations and data indexing, enhancing database efficiency and scalability.
- Optimized API performance by leveraging MongoDB aggregation and indexing strategies.
- Collaborated with a team to ensure secure and efficient database operations.

Full Stack Web Development Intern — **Oct 2024 – Nov 2024**
MLSA KIET — *Ghaziabad, Uttar Pradesh*
- Gained hands-on experience in front-end and back-end web development using Node.js, Express.js, and MongoDB.
- Built Medium and advanced-level projects, integrating React.js for a dynamic user interface.
- Followed best coding practices, including Git/GitHub, agile development, and responsive UI/UX design.

Technical Projects

Banking Management System | *DBMS, MySQL, Python* — **January 2025**
- Engineered a Python-based Bank Management System leveraging MySQL for relational data persistence.
- Designed and implemented secure CRUD operations using parameterized queries to prevent SQL injection.
- Integrated multi-threading for concurrent transaction processing and optimized database indexing for performance.

SwiftCart – Fast and shopping. | *HTML,CSS,Javascript,MongoDB,ExpressJS,React,NodeJS* — **November 2024**
- SwiftCart is a high-performance MERN stack eCommerce platform, built with React.js (frontend) and Node.js + Express.js (backend) for a seamless user experience.
- JWT-based authentication, Bcrypt password hashing, and Role-Based Access Control for secure user access.
- Utilizes MongoDB (NoSQL) for efficient data management, ensuring fast and scalable product handling.

Face Recognition Attendance System | *Python, OpenCV, NumPy, Flask* — **sep 2024**
- Developed an automated attendance system using face recognition technology for real-time identification.
- Integrated OpenCV and deep learning models to detect and recognize faces with high accuracy.
- Built a Flask-based web interface for managing attendance records and user registration.

Some Other Projects |
- Library-Management-System-Using-C-Language
- Weather App Using OpenWeatherMap API — (HTML, CSS, JavaScript)
- Hospital-Managemant-System — (Python,CSV)
- Online-Course-Selling-App-using-Full-stack

Technical Skills

Languages:C/C++, Python, Java, , HTML/CSS, JavaScript, SQL
WebDev: React, Tailwind CSS, MongoDB, ExpressJS, NodeJS
Database: MongoDB , MySQL
Tools: Git/GitHub, VS Code, Eclipse, Canva, Jupyter, PyCharm ,Replit

Achievements / Extracurricular

- Leetcode: Solved 450+ DSA problems on LeetCode with 4 badges, 3-Star problem solvind in c++ in Hackerrank, Master badge in Coding Ninjas
- Participated in Technical Fest "InnoTech", Hackathons, programmer of the Month conducted by CSE Department, Tech Seminars, BootCamps, LinkedIn Learnig,etc
- NSCC Club Coordinator, Conducted many bootcamps and Guided juniors and teammates.
- Qualified for State Level Quiz Competition (RBI) , Clear Government Written Exams (Indian Air Force)