



# Vaibhav Sharma

Roll No.:23258

B.Tech - ECE

Indian Institute Of Information Technology, Una LeetCode (300+) | Coding Ninjas (Lvl 7)

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Github | LinkedIn

## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Information Technology, Una	8.53	2023-Present
Senior Secondary	Saraswati Shishu Mandir Inter College	83.4%	2022
Secondary	Saraswati Shishu Mandir Inter College	90.33%	2020

## EXPERIENCE

- yesCity** 2025 - Present  
Startup  
*Full-Stack Developer Intern (Backend Focus)*
  - Developing scalable backend systems using Next.js and TypeScript for startup operations
  - Implementing responsive frontend interfaces with Tailwind CSS and collaborating in agile environment
- justScan - Entry Management System** Dec 2024  
College Project  
*Full-Stack Developer - IIIT Una*
  - Led development of automated ID-based entry system using OCR, Node.js, Express.js, and MongoDB
  - Implemented real-time verification with Google OAuth authentication and role-based access control

## PROJECTS

- justScan - ID-Based Entry Management System** Dec 2024  
Github  
*Full-stack Web Application (IIIT Una Project)*
  - Developed automated entry system using OCR (Tesseract.js) to extract data from ID cards, eliminating manual logging
  - Built secure web application with Node.js, Express.js, MongoDB and Google OAuth authentication
  - Implemented real-time verification against database, reducing processing time from minutes to seconds
  - Created responsive UI with role-based access for administrators and users with session management
- flyGPT - AI Chatbot Platform** 2025 - ongoing  
Github  
*Full-stack MERN Application*
  - Built intelligent chatbot platform using MERN stack (MongoDB, Express.js, React.js, Node.js)
  - Integrated AI conversational capabilities with modern responsive user interface and real-time messaging
  - Implemented user authentication, chat history persistence, and session management
  - Deployed full-stack application on Vercel with optimized performance and scalability

## TECHNICAL SKILLS

- Programming:** C/C++, Python, JavaScript, TypeScript, SQL
- Web Development:** MERN Stack (MongoDB, Express.js, React.js, Node.js), Next.js, Tailwind CSS
- Libraries & Frameworks:** NumPy, Matplotlib, Pandas, Scikit-Learn
- Machine Learning:** OCR (Tesseract.js), Supervised & Unsupervised Learning (Basics), Deep Learning, Neural Networks (ANN, CNN)
- Tools & Platforms:** GitHub, MongoDB, Google Colab, Jupyter Notebook
- Academics:** Data Structures & Algorithms

## KEY COURSES TAKEN

- Computer Science:** Data Structures & Algorithms, OOP, C/C++ Programming, Python Programming
- Mathematics:** Linear Algebra, Basic Calculus, Discrete Maths, Probability & Random Processes
- Web Technologies:** Full-Stack Development (MERN Stack), Next.js, Tailwind CSS, TypeScript

## ACHIEVEMENTS

- 300+ Problems Solved**, LeetCode Programming Platform 2025
- Level 7 (200+ Problems)**, Coding Ninjas Programming Platform 2024