

AMAN SINGH

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SUMMARY

As a passionate individual, I am eager to kickstart my career in software engineering. With a solid foundation in coding and problem-solving skills, I am excited to apply my knowledge to real world projects.

EDUCATION

Bachelor of Engineering (BE) - Computer Science CGPA: 7.92 Chandigarh University, Punjab (India)	2021 - 2025
CLASS XII (CBSE) Aggregate: 80.4% PMS Public School, Moradabad (India)	2020 - 2021
CLASS X (CBSE) Aggregate: 79% PMS Public School, Moradabad (India)	2018 - 2019

PROJECTS

Chatbot Using Azure JavaScript, Bot Composer framework, Azure Cloud	View in GitHub
- Developed a chatbot using the Bot Composer framework to facilitate interactions. - Deployed the chatbot on Azure Cloud to ensure accessibility, allowing users to interact with it.	
License Plate Recognition Python, Matplotlib, OpenCV, Pandas, CUDA, Artificial Intelligence	View in GitHub
- Developed a System utilizing machine learning to identify and extract text from vehicle number plates. - Implemented the project using Python programming language, Utilized YOLO v8 for object detection.	
Decentralized Voting System HTML/CSS, JavaScript, Solidity, Node.js, React.js, Blockchain	View in GitHub
- Developed a Online Voting System using blockchain, ensuring secure and transparent voting processes. - Deployed on a local Ethereum network using Ganache, Utilized Nodejs for the launch and management.	
Personal Finance Manager HTML/CSS, JavaScript, Node.js, React.js, MongoDB, MySQL	View in GitHub
- Developing a web-based Finance Manager with features like expense tracking, goal setting and financial reports. - Demonstrated proficiency in full-stack web development, utilizing technologies such as HTML, CSS, JavaScript, and a backend framework and creating an Android companion app, providing users with convenient access.	

CERTIFICATIONS

Blockchain Basics-Coursera	View credentials
Introduction to Internet of Things (IoT)-SWAYAM NPTEL	View credentials
Introduction to Web Development with HTML, CSS, JavaScript-Coursera	View credentials

TECHNICAL SKILLS

Languages: Java, C/C++, Python, HTML/CSS, JavaScript, MySQL
Frameworks/Technologies: React, Node.js, Flutter, MongoDB
Core Subjects: Computer Networks, Operating System, Software Engineering, Cloud Computing
Developer Tools: Git, VSCode, IntelliJ, Android Studio, Azure, Arduino IDE
Libraries: Pandas, NumPy, Matplotlib
Soft Skills: Problem Solving, Leadership, Time Management, Teamwork

ACHIEVEMENTS

- Included in the NPTEL toppers list for course Internet of Things (IoT)
- JP MORGAN CHASE & CO Software Engineering Virtual Experience-Forage
- First Runner Up at District Level in International Mathematics Olympiad (SOF)