Sourav Subham

Kota, Rajasthan
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EDUCATION

Vellore Institute ofTechnology (VIT), Bhopal
B.Tech in Computer Science
Expected Graduation: 2026
CGPA: 7.08 / 10.

LINKS

LinkedIn://sourav-subham

LeetCode://redsouravsubham

GitHub://Sourav93-subh

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms
Operating Systems
Object-Oriented Programming
Web Technologies
Database Management Systems
Computer Networks
Software Engineering
Artificial Intelligence
Machine Learning

SKILLS

PROGRAMMING

Programming Languages: Python • Java • C++

Web Development:
HTML • CSS • JavaScript • React.js • Node.js

Core CS Concepts:
Data Structures • Algorithms • OOP • Operating Systems • Complexity Analysis

EXPERIENCE

Unified Mentor | Web Development Intern
***Dec 2024 – Feb 2025* | Remote**

- Built responsive web apps using React.js.
- Designed and integrated RESTful APIs into front-end systems.
- Improved website performance and optimized UI/UX.

Robotics Club, VIT Bhopal | Lead – Coding Department Oct *2023 – Dec 2024* | Bhopal, India

- Directed robotics software projects with a focus on fault tolerance and distributed algorithms.
- Organized and led workshops on robotic simulation and system design.

PROJECTS

VIT Project Exhibition-I | DEVELOPER – CREDIT CARD FRAUD DETECTION
Jan 2023 – Apr 2023 | Bhopal, India

- Implemented a fraud detection system using Python with machine learning algorithms like Logistic Regression and Random Forest.
- Applied advanced data preprocessing and feature engineering techniques to handle class imbalance and improve accuracy.
- Used SMOTE for oversampling and evaluated performance using metrics such as Precision, Recall, and AUC-ROC.

VIT Project Exhibition-II | DEVELOPER – PLANT LEAF DISEASE DETECTION
Sep 2023 – Jan 2024| Bhopal, India

- Designed a full-stack web app using **React.js** (frontend) and **Flask** (backend) for disease classification from uploaded plant leaf images.
- Trained a Convolutional Neural Network (CNN) using the **PlantVillage** dataset to identify diseases such as powdery mildew and rust.
- Integrated real-time prediction output with an intuitive user interface to assist farmers and agriculturists in early diagnosis.

AWARDS

2023	S Grade	VIT Project Exhibition-I
2024	S Grade	VIT Project Exhibition-II