

ADITYA SINHA

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EDUCATION

Jaypee University Of
Information Technology (Solan)
**B.TECH IN COMPUTER SCIENCE &
ENGINEERING**
Expected MAY 2025 | Solan, HP
CGPA: 7.98/10

RVN PUBLIC SCHOOL
HPBOSE CLASS XII
JUNE 2021 | Dadahu, HP
PERCENTAGE : 96%

DAV PUBLIC SCHOOL
HPBOSE CLASS X
MAY 2019 | Dadahu, HP
PERCENTAGE : 89%

SKILLS

Programming Languages
C, C++, Python, Java, JavaScript,
SQL, HTML, CSS
Framework & Libraries
React.js, Pandas, NumPy, Scikit-learn,
Matplotlib, TailwindCSS, Bootstrap
MongoDB
Platforms & Others
Linux, Azure, Apache2, Tomcat,
MATLAB, Git
Soft Skills
Leadership, Event Management,
Team Collaboration

LINKS

Github:// [adityasinha513](#)
LinkedIn:// [adityasinha](#)
LeetCode:// [adityasinha513](#)

COURSEWORK

Object Oriented Programming
Data Structures
Operating Systems
Database Management Systems
Computer Networks

CERTIFICATIONS

Infosys React Certification
Data Analysis With Python

VOLUNTEERING

Student Coordinator: Procurement
and Events Committee(2021-24)
Core Member: ACM
Member(2021-24)

EXPERIENCE

TRANSLAB.IO | TECHNICAL INTERN

June 2023 - July 2023 | Jammu, Jammu and Kashmir

- Gained hands-on experience with Linux systems.
- Deployed VMs using Azure VNet architecture and explored cloud computing.
- Worked with React.js framework for frontend development.

BLACKCRAB IT PVT LTD | FRONTED DEVELOPER INTERN

June 2024- July 2024 | Remote

- Built a responsive landing page using React.js and JavaScript for improved UX.
- Collaborated with cross-functional teams to meet deadlines and streamline workflows.
- Learned Node.js and implemented API integration during the internship.

PROJECTS

ENHANCING VISIBILITY IN HAZY IMAGES AND VIDEOS

PYTHON | TENSORFLOW | OPENCV | HDF5 | HTML | CSS | JS

June 2024 - May 2025

- Trained residual CNN and transmission network models on the NYU-Depth V2 dataset for single image and video haze removal using depth-aware synthetic data.
- Developed a patch-based preprocessing pipeline with HDF5 storage for scalable training and deployed a real-time dehazing interface via Flask and OpenCV.

PLACEMENT PORTAL

TEAM LEADER | REACT | TAILWINDCSS | NODE.JS | MONGODB

Jan 2024 - May 2024

- Led a team to build a portal facilitating student-company interaction.
- Streamlined aggregation and reporting of year-end placement records.

POTATO-DISEASE CLASSIFICATION

ENIGMA - HACKATHON | PYTHON | ML | REACT | REACT-NATIVE

Dec 2023 - Jan 2024

- Developed a machine learning model to identify potato leaf diseases.
- Integrated it into a full-stack application with the Flask backend and the React frontend.
- Achieved 90% accuracy in potato disease classification using ML models

SAFETRANSACT BANKING

C++ (OOP) | OCT 2023 - DEC 2023

- Designed modular banking features using inheritance, polymorphism and encapsulation for easy scalability and secure access.
- Implemented error handling to ensure reliable transaction processing and system stability.

ACHIVEMENTS

2024	2nd	Murious Hackathon'24 by JYC, JUIT
2023	3rd	Enigma Hack-a-con'23 by IEEE
2022	3 rd	ENKINDLE(JUIT) HACKATHON'22
2021	20 th	Rank in HPBOSE 2021