

Aditya Chandra

☎ +91-9599839381 | ✉ adityachandra419@gmail.com | in LinkedIn | G Github | </> Leetcode | Portfolio

EDUCATION

SRM University AP

Bachelor of Technology in Computer Science

Andhra Pradesh, India

October 2022 – June 2026

EXPERIENCE

Python and Web Intern

June 2024 – August 2024

Indication Instruments LTD

Haryana, India

- Developed a fuel economy system with Tkinter, enhancing accuracy by 25 percentage with PCAN-Basic.
- Revamped the company site using React and Node.js, increasing engagement by 40 percentage and improving performance by reducing load times.
- Streamlined workflows, shortening project timelines by 20 percentage.

PROJECTS

Average Fuel Economy—Python, Tkinter, PCAN-Basic

June 2024 – August 2024

- Construct a Python full-stack application with Tkinter, achieving a 25 percentage improvement in fuel consumption analysis accuracy with PCAN-Basic.
- Integrated PCAN device, capturing and processing user data 30 percentage faster.
- Engineered a backend system, enhancing fuel efficiency calculations by 20 percentage.

Restaurant-app—React, Material UI, Node.js, Express.js, Git | Github

June 2024 – July 2024

- Built a full-stack restaurant app with React and Material UI, boosting user engagement by 35 percentage.
- Implemented a fixed navbar, improving navigation by 20 percentage and lowering bounce rate by 15 percentage.
- Optimized server performance with Node.js and Express.js, cutting load times by 30 percentage.
- Managed Git version control, reducing deployment errors by 40 percentage.

Student Face Recognition—OpenCV, MySQL Workbench, Tkinter | Github

June 2024 – August 2024

- Created a face recognition system with 95 percentage accuracy using OpenCV.
- Built a Tkinter data entry system, improving profile creation by 50 percentage.
- Enhanced MySQL query speed by 40 percentage with Haar Cascade for facial image storage.
- Automated 80 percentage of attendance records, reducing manual entry time by 60 percentage.

TECHNICAL SKILLS

Languages: Python, C/C++, JavaScript, PHP, SQL

Web Development: React, Node.js, Django, WordPress, Bootstrap, Tailwind CSS, Express

Python Development PyCharm, Eclipse, Google Colab, NumPy, PCAN-Basic, Tkinter, OpenCV

Relevant Coursework: Data Structures, Algorithms, Database Management Systems, Object-Oriented Programming, Operating Systems, Automata, Compiler Design, Computer Networks

CERTIFICATIONS

Python Certification—IIT Roper

October 2023

NPTEL

Online

- Completed certification in Python, demonstrating proficiency in programming. Covered topics including data structures, algorithms, and Python libraries for data manipulation.

Gold Medal in Psychology—IIT Kharagpur

October 2023

NPTEL

Andhra Pradesh, India

- Awarded gold medal for outstanding performance in Psychology, reflecting strong understanding and application of psychological principles.

CO-CURRICULAR ACTIVITIES

Member, Smart-Tech Club

August 2023 - June 2026

SRM-AP University

Andhra Pradesh, India

- Organize and lead tech workshops, including IEEE and IoT.
- Provide technical support, enhancing workshop effectiveness.
- Mentor peers in IoT, cybersecurity, blockchain, and cloud computing.