

Alavala Sathya Nishanth

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Education

B.E Computer Science and Engineering
Chennai Institute of Technology

2021 – 2025
CGPA - 8.0

Experience

Surens Infotek Company
Data Science Intern

07/2023 – 09/2023

- Gained practical experience in **handling and processing extensive datasets to extract** meaningful insights.
- Applied **data science** techniques to build and refine predictive models that forecast trends & outcomes
- Designed and implemented **data visualizations to effectively communicate** findings and support data-driven decisions.

Intern Crowd

07/2023 – 07/2023

Web Development Intern

- Gained expertise in **frontend development** by working on different tasks, to build **real time projects** effectively.
- Enhanced my problem-solving skills and gaining hands-on experience in **debugging and optimization**.
- **Collaborated effectively** with team members to coordinate project enhancements and delegate assignments.

Projects

Expense Tracker

07/2024 – 08/2024

Tech Stack: HTML, CSS, JavaScript, Node.js, MongoDB

- Provide users with a user-friendly tool to track income and expenses.
- Categorize Spending and Set Budgets: Help users organize their expenses and establish budgets for better financial discipline. Enable users to create comprehensive reports, supporting informed financial planning and control.

Driver Drowsiness Detection System

11/2023 – 12/2023

Tech Stack: Python, OpenCV, Numpy

- Enhanced road safety by developing a driver drowsiness detection system with a arm mechanisms and condition flexibility.
- Added alarms, visual cues, and audio to quickly alert drivers when they are sleepy, improving road safety overall. • Utilized OpenCV and Dlib libraries for facial and mark detection and eye-tracking.

Medi Data Hub

03/2023 – 04/2023

Tech Stack: HTML, CSS, JavaScript, MongoDB

- Created a thorough check that ensures the modules such as billing, appointment scheduling, and patient records
Conducted comprehensive training sessions for medical staff and administrators to ensure efficient use of the Medi Data Hub
- Developed Reliable and Scalable system using tools such as MongoDB

Skills

Programming Languages

Java
Python

Web Development

HTML, CSS
Javascript

Database

My SQL
MongoDB

Datascience

PowerBI
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Certificates

- Complete Web Development Bootcamp - Udemy
- HTML, CSS, JavaScript - Coursera

Achievements and Activities

- **JLPT N5 Certified**: Demonstrated basic proficiency in **Japanese language** skills, including reading, writing, and conversation.
- **Skillrack** - solved more than 100 problems.
- **Code Chef** - contest rating with 1608 and solved more than 130 problems.
- Worked as an event Organizer in a technical team (**paper presentation**) in college events