ADITYA SHRIWAL

adityashriwal@gmail.com | +91 8308380977

GitHub | **Linkedin** | **LeetCode** | **Stackoverflow** | **Portfolio**

EDUCATION

Vellore Institute of Technology   Vellore, Tamil Nadu, India
B.Tech Computer Science and Engineering (CSE core)   September 2022 - Present
CGPA: 9.80/10

EXPERIENCE

Valsco Technology | Junior Frontend Developer   Vellore | April 2024 - June2024
- Conducted sessions on Advanced HTML, CSS, and JavaScript, covering topics such as Semantic Tags, Forms, Box Model, Flexbox, Grid, and Media Queries.
- Guided participants through practical projects and tasks to reinforce learning.Apple Clone a replica of the Apple website, focusing on design consistency, responsive layouts, and user experience.

SKILLS

Programming Languages:	Python, SQL, C/C++, Java, HTML/CSS, JavaScript
Libraries/Frameworks:	React, JavaScript, ExpressJs
Tools / Platforms:	Git/Github, VSCode, Matlab, Jupyter
Databases:	MySQL, MongoDB

PROJECTS / OPEN-SOURCE

Clear Route detection Model-AI Project (ongoing)   *AI, ML, Python, Leaflet (JavaScript Library), Geospatial Libraries*
- Utilized Folium (Python) to visualize real-time pollution data on maps, enhancing decision-making.
- **Reduced route computation** time by **30%** through optimized and pollution data integration.
- Mapped routes across a city of **40+ pollution zones** and provided alternative paths for safer, more efficient travel.

Exquisite Dinning- Restaurant Website | Link   *HTML,CSS, JavaScript, Google Sheets*
- Engineered a fully responsive restaurant website, integrating a **real-time table reservation system** using Google Sheets API to automate bookings and reduce operational overhead.
- Implemented a chatbot for 24/7 customer interaction, **increasing engagement by 40%** and expediting the reservation process for users.
- Reduced table **waiting times by 80%** through optimized reservation algorithms, handling up to **100+ daily reservations** seamlessly.

LIVWEATHER- Weather site | Link   *JavaScript,Fetch API, Real time update mechnasim*
- Developed a dynamic weather app using JavaScript and Fetch API for real-time weather updates.
- Integrated real-time update mechanisms to deliver accurate weather forecasts for **50+ cities globally**.
- Achieved **95% accuracy** in displaying current weather conditions by integrating reliable weather data sources.
- Improved performance by optimizing API calls, **reducing data load times by 20%**.

CERTIFICATIONS

- Microsoft Certified: Azure AI Fundamentals - **Link**
- Google Cloud Skills Boost Profile - **Link**
- Participated in Technica, a 48-hour Hackathon (Developed plant recommendation web-app) - **Link**
- Ranked in Top 10 of my Computer Science and Engineering batch. - **Link**