

SOUMIL MITHRAEN S A

Bachelor of Technology in Information Technology
Sri Sairam Engineering College, Chennai

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EDUCATION

- **Bachelor of Technology in Artificial Intelligence and Data Science** 2021-25
Sri Sairam Engineering College, Chennai CGPA: 9.5

PROJECTS

- **Accident Detection and Monitoring System**
Developed an Accident Detection and Monitoring System utilizing Deep Learning algorithm.(CNN)
 - Implemented real-time data processing to detect accidents accurately.
 - Achieved significant improvements in response time and accuracy of accident detection.
- **Full Stack Food Delivery Application**
Built a comprehensive food delivery platform with seamless user experience.
 - Created a robust back-end with Node.js and Express, integrating MongoDB for efficient data management.
 - Implemented user authentication, real-time order tracking, and payment gateway integration.
 - Utilized MERN stack to highlight skills in full-stack development, database management, and user-centric design.
- **Campaign Scheduling Application**
Engineered a campaign scheduling application utilizing Django, SQL, HTML, and CSS technologies.
 - Engineered a streamlined web application by integrating Django for backend logic, SQL for database management, and HTML/CSS for frontend interface; improved load times by 40% and user retention by 25%.
 - Completed as part of a company initiative to enhance internal processes.

EXPERIENCE

- **Core Team Member of Skill Development Club** 2021 - 2024
Programming
 - Led and conducted hands-on training on C and Python for over 180 participants.
 - Achieved a 75% student turnout for subsequent workshops.
- **Workiy Technologies Pvt Ltd** Feb 19, 2024 - March 15, 2024
Web Development
 - Developed a Campaign Follow-up Calendar using Django and MySQL.
 - Included features for creating, editing, and deleting campaign schedules, and viewing analytics.
- **Oneyes Infotech Solutions** June 05, 2024 - July 04, 2024
Web Development
 - Developed an intelligent ChatBot using React for Oneyes Infotech Solutions.
 - Integrated the ChatBot with the company's existing systems to streamline customer service operations.

TECHNICAL SKILLS AND INTERESTS

Languages: C\C++, Python, Java, Javascript, HTML,CSS

Libraries : Python Libraries, Machine Learning Libraries, ReactJs

Tools: VS Code, Git, GitHub, Jupyter Notebook, Google Collab

Cloud/Databases: Relational Database (MySQL), SQL

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering, Machine Learning, Computer Networks

Areas of Interest: Machine Learning, Deep Learning, Web Design and Development

Soft Skills: Problem Solving, Critical thinking, Self-learning, Presentation, Adaptability, Team Player, Networking

ACHIEVEMENTS

- Selected as a finalist for the Code for Good hackathon conducted by JP Morgan,
- Won 3rd prize in the college's Hackathon 2.0 conducted by the AI&DS department.
- Ranked in the top 10 overall and among the top 3 department-wise in the coding platform Skillrack.
- Completed courses on NPTEL MOOC's, edX, Udemy, Spoken Tutorial IIT Bombay, and Learnathon.
- Conducted an event on coding for juniors at my college