

Pranav CM


Roll No.: 3122223001073

Bachelor of Engineering

Sri Sivasubramaniya Nadar College Of Engineering, Chennai

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 GitHub Profile

 LinkedIn Profile

EDUCATION

•Bachelor of Engineering in Electrical and Electronics Engineering

2022-26

Sri Sivasubramaniya Nadar College Of Engineering

CGPA: 8.45

PERSONAL PROJECTS

•NexEvent (Booking and Event Management Platform)

June - Present 2024

A modern web application for seamless event search, booking, and management.

- Built full CRUD functionality for events, ensuring efficient event management.
- Integrated Stripe for secure payments, enhancing the checkout experience and order management.
- Developed a robust search and filter system, improving event and order search efficiency.
- Designed dynamic categorization and user-specific event organization, boosting platform adaptability.
- Technology Used: NextJs, Typescript, Tailwind CSS, Stripe, NodeJS, Zod, MongoDB.

•OCR Text Extraction

Apr - May 2024

Android application utilizing OCR technology to convert handwritten student information into editable formats

- Developed a machine learning model for handwritten text recognition and box detection using TensorFlow and OpenCV, achieving high accuracy in text extraction.
- Integrated the machine learning model into a Flutter application for seamless text recognition on mobile devices.
- Designed and developed the back end of the application using python, flask and firebase, handling user authentication, image storage, and text retrieval.
- Technology Used: Flutter, Firebase, OpenCV, Tensorflow, Flask.

•Connectify (social media website)

Nov – Dec 2023

React website built on the MERN stack that brings people together in a seamless digital space

- Created a social media platform using MERN stack (MongoDB, Express.js, React, Node.js) for robust, scalable performance.
- Integrated RESTful APIs to enable seamless data exchange between client-side and server-side components.
- Technology Used: Reactjs, Javascript, HTML, CSS, NodeJS, ExpressJS, MongoDB.

•Smart Vehicle Security and Safety System

Apr – Present

vehicle theft prevention and rapid accident detection and rescue system by notifying the owner via SMS

- Developed a vehicle theft detection and remote engine locking system.
- Used facial recognition technology using Raspberry Pi to identify the vehicle owner's face.
- Implemented IoT-based automatic accident detection using accelerometer sensors.
- Enabled rapid notification of accidents to guardians and rescue teams.
- Technology Used : Iot

EXPERIENCE

•SDE Internship

June - present 2024

Swimmingo

Remote

- Developed Automated Email System: Created a codebase for generating automated emails triggered by user actions such as booking slots, signing up, and resetting passwords, enhancing user communication and engagement.
- Implemented Google Sign-In Authentication: Integrated Google authentication, streamlining the user login process and improving security.
- Website Testing: Conducted thorough testing of the company website, identifying and documenting bugs to ensure a smooth user experience and functionality.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, C++, Javascript, Typescript, Golang, HTML+CSS

Libraries : ReactJs, Redux, Material-UI, Tailwind CSS, OpenCV, Tensorflow

Web Dev Tools: VScode, Git, Github, Vercel, Postman

Frameworks: Nodejs, Expressjs, Django, Flask, Flutter, Next.js

Cloud/Databases: MongoDb, Relational Database(MySql)

Additional Skills: Data Structures & Algorithms, Object Oriented Programming, Database Management System

Areas of Interest: Web Design and Development.

Soft Skills: Problem Solving, Self-learning, Adaptability, Communication, Leadership

ACHIEVEMENTS

- Won College-Level Internal Smart India Hackathon
- Solved 200+ Problems – LeetCode