

SAUGAT PAUDEL

Computer Science & Engineering

+91 8840006867

@ saugatpau02@gmail.com

https://github.com/paudelsaugat02

EDUCATION

Computer Science and Engineering

Vellore Institute of Technology

2025 Vellore, TN

CGPA

8.38 / 10

Higher Secondary XII - 95.4%

Fertilizer Public School

2020 Shahjahanpur, UP

Secondary X - 95.4%

Fertilizer Public School

2018 Shahjahanpur, UP

EXPERIENCE

Machine Learning

Suven Consultants and Technology Pvt. Ltd

01/2024 Mumbai, Maharashtra

- Learned the implementation of various machine learning algorithms such as **Linear regression, Logistic regression, Decision trees, Random forests and SVMs**.
- Hyperparameter tuning and cross-validation techniques to optimize model performance and methods for creating new features from existing data to improve **model** accuracy.
- Evaluation metrics such as **accuracy and precision of 80%**, recall, **F1-score and ROC-AUC**.
- Learned the basics of **Neural networks and Deep learning** architectures e.g., **CNNs & RNNs**.

PROJECTS

Unified AI SaaS Platform for Multimedia Generation

- Developed an innovative AI-powered SaaS platform that seamlessly integrated **OpenAI's API** for advanced conversational, code and image generation, while also harnessing Replicate's API to empower video and audio creation capabilities.
- Utilized **Next.js 13, React, and Tailwind** to create an intuitive and responsive frontend for streamlined user interactions.
- Integrated **Prisma and MySQL** for robust database management, enabling seamless data retrieval and storage.
- Designed a sophisticated API usage management system, leveraging **Stripe** for secure premium subscription payments.
- Integrated real-time **Crisp** support to enhance error handling and customer support, thereby optimizing user satisfaction.

Gemini Clone

- Build a fully functional, animative and responsive Gemini Clone using **Gemini's API**.
- User can effortlessly ask any of its queries and Gemini shall respond with utmost accuracy.
- Technology used: **ReactJS, tailwind CSS, HTML**

Spotify Web App

- A clone designed to replicate the music player and user interface of the popular music streaming platform.
- Technology used: **HTML, Bootstrap, ReactJS**

SKILLS

Programming Skills:

C++

C

Python

HTML/CSS

Version Control:

Git

GitHub

Framework/Technology:

ReactJS

NestJS

Postman

Bootstrap

Tailwind

MySQL

RELEVANT COURSES

Data Structures and Algorithms

Database Management System

Operating System

Computer Networks

Object Oriented Programming