

SUMMARY

Aspiring full-stack developer currently pursuing a BS in Data Science from the IIT Madras Online Degree Program. Passionate about building real-world applications that solve practical problems. Experienced in developing scalable web apps using Python, Flask, PostgreSQL, and Vue.js, with a growing proficiency in modern frontend frameworks and backend architectures. Skilled in API integration, authentication systems, and database management. Committed to continuous learning, collaboration, and delivering clean, maintainable code in fast-paced environments.

EDUCATION

Indian Institute of Technology Madras*Diploma in Data Science and Applications***University of Engineering and Management***B.Tech in Computer Science*

Chennai, Tamil Nadu

Present

Jaipur, Rajasthan

Aug. 2022 – May 2026

EXPERIENCE

Freelance Developer*Self-Employed*

Ongoing

Remote

- Developed multiple full-stack projects for learning and practical application.
- Worked on various domains such as music streaming, ticket booking, and influencer sponsorship.
- Gained hands-on experience in backend development, API design, and database management.

PROJECTS

AI Resume Analyzer | *React, Flask, spaCy, scikit-learn, Render, Vercel* Deployed: analyzer-frontend-ebon.vercel.app

- Developed an AI-powered resume analysis tool to match candidate resumes to job descriptions.
- Implemented skill extraction using spaCy, semantic similarity using NLP models, and provided actionable feedback.
- Frontend deployed on Vercel and backend on Render.

Smart Health Care Tracker | *React, Flask, Vercel, Tailwind CSS* Deployed: smart-health-care-frontend.vercel.app

- Built a responsive healthcare dashboard to track vitals and predict health issues using user inputs.
- Integrated frontend/backend APIs and implemented real-time alerts.

Soil Moisture Prediction System | *Python, Time Series ML, QGIS, Landsat, Sentinel-2*

Offline

- Designed a machine learning model for predicting soil moisture trends over 5–10 years using time series forecasting.
- Collected satellite data using QGIS from Landsat 8/9 and Sentinel-2; built trend visualizations for insights.

Newspaper Text Fetcher | *Python, OCR, TTS, Translation APIs*

In Progress

- Developed a tool that extracts printed newspaper content and reads it aloud using TTS (Text-to-Speech).
- Supports multi-language translation for broader accessibility, especially for visually impaired users.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML, CSS, SQL**Frameworks & Libraries:** Flask, Vue.js, React (Basic), Tailwind CSS, Bootstrap**Databases:** PostgreSQL, SQLite**Developer Tools:** Git, GitHub, Docker, VS Code, Postman**Deployment Platforms:** Render, Vercel, Netlify**Other Technologies:** REST APIs, JWT Auth, OCR, TTS, spaCy, scikit-learn, QGIS

CO-CURRICULAR ACTIVITIES

Machine Learning Workshop*Self-Organized*

Date

Online

- Attended a workshop on Machine Learning fundamentals and built a project.
- Earned a certificate upon completion.