Prakash S

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github.com/Prakash2503

Education

12th
Sri Sankara Vidyalaya higher Secondary School

B.Tech Artificial Intelligence and Data Science
St.Joseph's Institute of Technology (3rd year)
CGPA - 8.25 (Upto 5th sem)

Project

Medical Chatbot Assistant
Developed a Flask-based web application integrating Google Gemini AI for medical condition prediction, symptom analysis, and hospital recommendations. Implemented AI-driven diagnosis and PDF receipt generation for remedies and treatment suggestions. Designed a hospital recommendation system based on user symptoms and location. Integrated a feedback system to enhance AI accuracy over time. Ensured data privacy and secure API communication for user safety.

AI-Powered Accident Assistance System
Developed a Flask-based AI system that detects accidents, extracts license plate numbers using OCR (PaddleOCR + OpenCV), and predicts injury severity with a ResNet- model. Automated emergency response using Twilio API to notify

Experience

Internship on Data Science
Attended 1 month internship at CognoRise Infotech on Data Science

Internship on Machine Learning
Attended 1 month internship at Trios Technology on Machine Learning

Skills

- **Programming skills:** C, Python, SQL, HTML, CSS
- **Technincal skills:** Machine Learning, Data Science, Full Stack
- **AI Tools:** Figma, Chatgpt

Certifications

- **Prompt Engineering Essentials** completed in Simplilearn
- **Data Science in in KNIME Analytics Platform** Basic Proficiency in KNIME Analytics Platform
- **Data Science for Engineers** Completed in National Programme on Technology Enhanced Learning
- **Statistics 101** Completed in International Business Machines
- **NPTEL Certification** Elite certification in Data Science

Extra curricular

Finalist- AI Innovate Hackathon (Thiran 2025)
Selected as a finalist in the prestigious AI Innovate Hackathon, conducted by Sri Eshwar College of Engineering, Coimbatore.
Finalist at Project Expo 2k25 organized by IEEE Education Society and IEEE Photonics Society, St. Xavier's Catholic College of Engineering
Showcased an application-oriented engineering project selected among top entries across multiple disciplines.