PRITHIVIRAAJ S

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🐙 https://github.com/Prithiviraaj-1210/projects

in www.linkedin.com/in/prithviraaj04

SKILLS

- Programming Languages: C, Python
- Prompt Engineering
- Web Development: HTML, CSS, JavaScript , php
- Frameworks & Libraries: Streamlit ,Flutter (basic)
- AI Tools: ChatGPT,Claude, perplexity ,IBM Watsonx Assistant

STRENGTH

- Communication
- Time Managenent
- Self Motivated
- Adaptability
- Fast learner
- Ability to work in teams
- Computer knowledge

INTERESTS

- Full stack development
- UI/UX design
- Prompt Engineering
- Machine Learning

EXTRA CURRICULAR ACTIVITIES

- Cricket
- Active blood donor

CAREER OBJECTIVE

Motivated software developer skilled in C, HTML, CSS, JavaScript, Python, and Flutter. Passionate about machine learning and prompt engineering. Currently pursuing a Bachelor's in Computer Science, eager to apply my skills to dynamic projects and contribute to innovative solutions.

INTERNSHIP

MERN Stack Training
Sammegh Technologies, Bangalore - December 2023 to January 2024

Full Stack Development
Hackwit Technologies, Chennai - June 2024 to July 2024

PARTICIPATIONS

- Participated in "**KRETA'23**" in TCE , Madurai (April 2023)

- Participated in a 2-day workshop "**AI for Image Processing, Computer vision and Robotics**" in TCE , Madurai (March 2024)

- Participated in "**Wonders of AI**" 24H-hackathon in Kalasalingam University , Virudhunagar (March 2024)

- Participated in "**HACKATHON-2K24**" hackathon in K.L.N , Madurai (April 2024)

- Participated in **GALACTIC PROBLEM SOLVER** from NASA space apps (october 2024)

- Participated and won **first place** in project presentation in "**TECHATHON'24**" Sri Ramakrishna College of Engineering (October 2024)

- Completed "**Data Analytics Job Simulation**" in **QUANTIUM** (october 2024)

- Contributed to developing a **Forward Collision Warning (FCW)** system using Python, YOLOv5, and OpenCV for ADAS in **TATA ELEXI TELEPORT SEASON 2** (November 2024).

- Contributed to developing a **Menstrual Health Assistance Chatbot with Gemma and RAG** for the **Google Cloud AI for Impact APAC Hackathon 2024** (November 2024).

PUBLICATIONS

- Presented paper titled **"Deep Convolational Neural Network for plant disease analysis"** in international conference **TESS 2023, Malaysia.**

- Presented paper titled **"Prediction of foot ulcer in diabetic patients using machine learning techniques"** in international conference **ICETSET 2023, India.**

CERTIFICATIONS

- *Supervised Machine Learning: Regression and Classification* **(Stanford | Cousera)**
- *Chatgpt for Everyone (GUVI)*
- *'Generative AI' (GUVI)*
- *flutter for beginners (ERROR MAKES CLEVER ACADEMY)*
- *Social networks (NPTEL)*
- *Front end development (Great Learning)*
- *Oracle sql (Great Learning)*
- *Data structures (Great Learning)*
- *ChatGPT for coders (Great Learning)*

LANGUAGES KNOWN

- **English**
- **Tamil**

PROJECTS

EBOOK WEBPAGE
Developed an interactive ebook webpage using HTML, CSS, and JavaScript allowing users to read books.

BURGER CUSTOMISATION WEBPAGE
Created a burger customization webpage using HTML, CSS, and JavaScript allowing users to customize their burger with various ingredients.

TASK REMAINDER & ALARM WEBPAGE
Created a reminder and alarm clock webpage using HTML,CSS and Javascript allowing users to set alarm and reminder.

HerFlow Mate chatbot
Created a medical chatbot for Menstrual health analysis using RAG in google colab which allows the user to get information about their Menstrual health.

CARBON FOOTPRINT CALCULATOR
Created a Carbon footprint calculator using Python in Streamlit which allows the user to calculate their individual carbon emission.

E - COMMERCE WEBPAGE
Created a E - Commerce webpage using React js in which the users can add items to the cart , the cart is dynamically updated. Impleted a working search bar where users can search for products.

FORWORD COLLISION DETECTION
Developed a Forward Collision Warning (FCW) system using Python, YOLOv5, and OpenCV in Google Colab to detect objects in real-time video, enabling collision avoidance for ADAS. Automated source code and test case generation with GenAI to ensure compliance with automotive standards (MISRA, ASPICE)."

ACADEMIC DETAILS

B.E. in Computer Science and Engineering *Velammal Collge of Engineering and Technology, Madurai | 2026*	**CGPA-8.1**
Higher Secondary., *Velammal Vidyalaya Viraganoor, Madurai | 2022*	**82.2 %**
Secondary School., *Paavai vidhyashram , Namakkal | 2020*	**84 %**