Prarthana YT

Channarayapatna,Hassan,573116

📞 +917892946625 ✉ prarthanaprasad1025@gmail.com 🔗 https://www.linkedin.com/in/prarthana-prasad-7753b6229/

Education

Malnad College of Engineering   **2021 – 2025**
B.E. Computer Science and Engineering(8.34)   *Hassan*

The Presidency PU College   **2019 – 2021**
PCMB(Percentage 85.5)   *Tumakur*

Good Citizen School   **2019**
High School(Percentage 87.04)   *Channarayapatna*

Relevant Coursework

- Soft skill development
- Figma Certification
- Java Full Stack

Experience

Teragon   **Oct 2022 – Nov 2022**
Intern-cloud services, Web 3.0 platforms and blockchain   *Hassan*

- Worked on conceptual understanding and implementation of decentralized technologies including cloud services, Web 3.0 platforms, and blockchain fundamentals.
- Contributed to discussions and mock projects as part of a training cohort.

Inventron Technology and Business Solutions   **Oct 2023 – Nov 2023**
Intern-Innovation and Entrepreneurship   *Mysore*

- Gained exposure to startup ideation and business planning. Collaborated with a small team to design a tech-based solution, focusing on real-world problem-solving and market analysis strategies.

Projects

Identification of Memory Loss disease by Ocular Biomarkers using Deep Learning Models   **July 2025**

- Python,Flask,HTML,CSS,JavaScript,TensorFlow,NumPy Pandas,openCV,MySQL
- This project utilizes Convolutional Neural Networks (CNN) to identify memory loss diseases through ocular biomarkers.
- It compares and verifies the accuracy of three deep learning models—ReLU-CNN, U Net, and OCTA-Net—for effective diagnosis.

Patient Healthcare Management System | *Raspberry Pi,Sensors,ThingSpeak,Python*   **November 2022**

- An IoT-based solution built using Raspberry Pi and ThingSpeak platform.
- It collects real-time patient health data (like temperature and pulse) and uploads it to a cloud server for monitoring and analysis by medical professionals.

Online Library Management System | *HTML,CSS,JavaScript,SQL*   **October 2024**

- A full-stack web application that facilitates the management of library resources.
- Features include book check-in/check-out, user management, and catalog browsing. Developed using HTML, CSS, JavaScript, and MySQL.

Wild Tour management System | *HTML,CSS,JavaScript,React.js,J2EE,SpringBoot,SQL*   **November 2023**

- web-Based application designed to manage wildlife tours efficiently.It allows users to book tours,view destinations and access information about wildlife sanctuaries
- It supports inventory tracking, user authentication, and request handling.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL,PL/SQL
Developer Tools: VS Code, Eclipse, Google Cloud Platform, Android Studio
Technologies/Frameworks: Linux, React.js,J2EE,SpringBoot, Typescript,Azure Databricks