Pavithra T A

GitHub: @pavithra-ayeram

LinkedIn: @Pavithra T A

Email: rampavithra767@gmail.com

Phone: +91 8925214924

Education

B.Tech Artificial Intelligence and Data Science

Shiv Nadar University Chennai (August 2023 - May 2027)

CGPA: 8.7 [Semesters - I, II, and III]

- Core Member of **Scintilla** - Student-run Magazine of SNUC
- Core Member of **Omnia Club** - Community Club of SNUC

Projects

Portfolio Website

HTML, CSS, Vercel (March 2024 - Present)

- Designed and deployed a **responsive portfolio website** to showcase projects and skills.

Migraine Detector using Symptoms

Python, Scikit-Learn, Streamlit (Feb 2024 - April 2024)

- Built an ML model using **Random Forest** to predict **migraine likelihood** based on symptoms.
- Integrated an **interactive Streamlit UI** for real-time user predictions.

Plant Disease Classifier

TensorFlow, Keras, OpenCV (Sept 2023 - Dec 2023)

- Developed a **CNN model** to classify plant diseases from leaf images with **high accuracy**.

Music Recommendation System

Python, Scikit-Learn (Oct 2023 - Jan 2024)

- Built a **collaborative filtering-based** recommendation system; UI/UX under development.

Technical Stack

- **Programming Languages:** C, C++, Python, Java, SQL, HTML/CSS
- **Frameworks/Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, TensorFlow, Keras, Streamlit
- **Skills:** Machine Learning, Data Visualization, Data Analysis
- **Currently Learning:** Deep Learning, Web Development
- **Courses:**
  - **NPTEL** - Programming in Modern C++ [July 2024 - November 2024]
  - **The Complete Full Stack Web-Development Bootcamp** - Udemy [Dec 2023 - Present]
  - **A Deep Understanding of Deep Learning** - Udemy [Jan 2024 - Present]

Competitions

- **Smart India Hackathon 2023** – Conceptualized **College Bus Tracking and Efficient Route Management Software**
- **Smart India Hackathon 2024** – Designed & Developed a **Deep Learning Model for Plant and Animal Disease Classification**

Additional Skills

- Proficient in UI/UX design using Figma and Canva to create visually appealing and user-friendly interfaces.
- Skilled in graphic design and presentation creation, ensuring clarity and professional aesthetics.