Vijaya Varshini

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Education

Bachelor of Engineering, PSG College of Technology, Coimbatore, India
Major: Computer Science & Engineering (AI & ML)   *2022 - 2026*
CGPA: 7.38 (as of June 2024)
Coursework: Data Structures and Algorithms, OOP, Computational Thinking, Operating Systems, Machine Learning, Database Systems, Design Analysis of Algorithms

Skills

- **Programming Languages:** Python, Java(Basics)
- **Frontend Development:** HTML, CSS, JavaScript, ReactJs, Bootstrap, MySQL, SQL*plus
- **DevOps(Basics):** Docker, Kubernetes, CI/CD, Jenkins
- **Version Control:** Git, GitHub
- **UI/UX Design:** Figma
- **Data Analytics:** Tableau(Basics), Excel
- **Machine Learning:** Numpy, Pandas, Scikit-learn, Matplotlib
- **Soft Skills:** Leadership, Event Management, Public Speaking, Time Management
- **Personal Traits:** Team Player, Hardworking, Loyal, Responsible, Attention to detail, Curious to learn more, outside-the-box thinking

Projects

MEDITA - Mental Health Web Application (in progress)   *03/2024 - 03/2025*
Developing a mental health support website focusing on self-assessment, educational content, and professional help.
Tech Stack: Figma, HTML, CSS, JavaScript, React.js, Bootstrap
Role: Frontend Development

Vision Crop+ - Crop Disease Detector Web Application   *02/2024 - 05/2024*
A forum-based platform for farmers to share and interact through posts and comments.
Tech Stack: Figma, HTML, React, CSS
Role: Frontend Development

PromptPie (in progress)   *06/2024 - 12/2024*
Developing a web-based application that uses user prompts to interact with a database, generating answers and graphs.
Tech Stack: React.js, HTML, CSS, DjangoRest(Basics)
Role: Frontend Development

Dynamic Pricing and Demand Predictor (Walmart Hackathon)   *07/2024 - 08/2024*
Created an ML model for dynamic pricing and demand forecasting using regression techniques.
Role: Model Development, Performance Optimization (MAE, MSE, RMSE)

Project Domains

Frontend Development, **Data Analytics**, **Machine Learning**

Hackathons

- **Smart India Hackathon - 2023:** Participated
- **Design Impact Movement - 2024:** Participated
- **Sparkathon (Walmart Hackathon) - 2024:** Participated

Leadership Experience

- **Core Team Head, Ambience and Creativity Vertical** – *Intrams, Student Union*   July 2023 – June 2024
- **Class Representative** – *4th Semester*   Jan 2024 – June 2024

Declaration

I solemnly affirm that all the information provided above is truthful to the best of my knowledge and belief.