

# VIJAYA VARSHINI

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## EDUCATION

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**Bachelor of Engineering : PSG College of Technology, Coimbatore, India. (2022 - 2026)**

- Major in **Computer Science and Engineering ( Artificial Intelligence and Machine Learning )** : CGPA - **7.48**.
- **Coursework** : Operating Systems, Data Structures, Design and Analysis Of Algorithms, Object Oriented Programming, Database Management Systems(DBMS), Machine Learning, Computer Networks, Advanced Data Structures, Optimization Techniques.

## SKILLS

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- **Programming Languages** : Python | C | Javascript | R
- **Frontend Development** : HTML | CSS | Javascript | ReactJs | Bootstrap | MySQL | SQL\*plus .
- **Version Control** : Git | GitHub.
- **UI/UX Design** : Figma .
- **Data Analytics** : Tableau | Microsoft Power BI | Excel
- **Machine Learning** : Numpy | Pandas | Sci-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.

## PROJECTS

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### MEDITA: Your Daily Dose of Tranquility - Mental Health Web Application

- Used **Figma UI/UX** for designing our Prototype
- Used **HTML ,CSS, Javascript ,React Js** for Frontend Development
- Used **Bootstrap** for responsive User interface
- This is a **Team work** my contribution is **Frontend Development**
- Done as a project as a part of **Activity Point Program**

### Vision Crop + - Crop Disease Detector Web Application

- Used **Figma UI/UX** for designing our Prototype
- Used **HTML ,CSS, Javascript ,React Js** for Frontend Development
- Used **Bootstrap** for responsive User interface
- This is a **Team work** my contribution is **Frontend Development**
- Done the project as the part of **Design Impact Movement**

### HR Analytics Dashboard - Data Visualization

- Conducted comprehensive **data analysis** on employee datasets to identify key trends and patterns related to attrition and other HR metrics.
- Designed and developed an interactive **HR Analytics Dashboard** using tools such as **Tableau**
- Visualized key HR metrics including employee attrition rates, tenure, job performance, engagement scores, and **demographic** information.
- Displayed all information in the form of **Pie chart,Line Graph,Bar Graph, Histogram**

## HACKATHONS

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- Smart India Hackathon - 2023 : **Participated**
- Design Impact Movement - 2024 : **Ongoing**

## EXTRACURRICULAR ACTIVITIES

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### 1. Core Team Member - Students Union

PSG College of Technology (2023 - Till now )

- Organizing many Cultural, Technical events and workshops in our college.
- **Lead volunteer** : Kriya Inter college Technical Event

### 2. Class Representative

CSE(AI & ML) PSG College of Technology ( In 4th Semester )

- Demonstrated strong **leadership** abilities by representing the class in school meetings and events.
- Effectively **communicated** class concerns and suggestions to faculty and administration.
- Organized and coordinated class events, Industrial visit , meetings, and projects.

## OTHERS

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### LANGUAGES

- **Tamil** : Native/Bilingual
- **Telugu**: Native
- **English** : Professional Working Proficiency
- **Hindi** : 2nd language in school

### PROJECT DOMAINS

- Frontend Development
- Data analytics and visualization

### HACKERRANK STATUS

- 2 Silver Badges for Python and SQL (<https://www.hackerrank.com/profile/vijayavarshini21>)