

# S.Priyavarshini

📍 Chennai, India

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## SUMMARY

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Enthusiastic Full Stack Developer with a strong foundation in **Python** and the **MERN stack**, combined with academic experience in **Artificial Intelligence (AI)** and **Data Science (DS)**. Passionate about building scalable web applications, real-time systems, and data-driven solutions. Skilled in **front-end and back-end development**, with hands-on experience in designing and optimizing robust applications. Adept at leveraging modern frameworks and technologies to create seamless user experiences. Always eager to learn and apply cutting-edge advancements in AI and full-stack development.

## EXPERIENCE

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### AI&ML Intern

TANSAM TidelPark, Chennai, India

June 2023 – July 2023

- Developed a **Smart Traffic Analyzer** using **OpenCV** and **Python**, capable of **classifying vehicles**, detecting **helmet and non-helmet riders**, recognizing **number plates**, and measuring the **speed of vehicles** using real-time camera input.
- Implemented **computer vision techniques** to enhance accuracy and efficiency in traffic monitoring.
- Integrated **machine learning models** for automated detection and classification, improving road safety and law enforcement.

## PROJECTS

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### Recipe sharing Application

- Developed a scalable Recipe sharing platform using React, Node.js, and MongoDB.

### Chatgpt Integration Application

- Developed a **ChatGPT clone** with real-time AI responses using **MERN stack** and **OpenAI API** for seamless chatbot interactions.

### Smart Traffic Analyser

- Developed a **Smart Traffic Analyzer** using **OpenCV** and **Python** to classify vehicles, detect helmets, recognize number plates, and measure speed. Integrated **computer vision** and **machine learning** for real-time traffic monitoring and enforcement.

## EDUCATION

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### Bachelor of Technology In Artificial Intelligence And Data Science

Meenakshi Sundararajan Engineering College, India

Graduated 2025

- GPA: 8.5/10
- Relevant Coursework: Web Development, Database Systems, Artificial Intelligence.

## SKILLS

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- **Languages:** Python, HTML, CSS, Javascript
- **Frameworks/Libraries:** React, Node.js
- **Databases:** MongoDB, MySQL
- **Tools:** Tailwind CSS

## CERTIFICATIONS

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- **Certified Cybersecurity and Privacy** | NPTEL | 2023
- **AZURE Certification** | ICT Academy | 2024
- **Full Stack Development** | GUVI | 2024
- **MongoDB** | 2024