

# Saathvic S

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## ABOUT

As an IT student, I bring hands-on experience in developing accessible and sustainable solutions. I have led projects like The Light (navigation tool for the blind) and Accessible E-Commerce for the visually impaired, and I am proficient in Python, Java, and PHP. With expertise in AI models, YOLO, TensorFlow, I am ready to contribute my skills to drive innovation and make a meaningful impact.

## EDUCATION

• <b>Sri Manakula Vinayagar Engineering College</b> <i>B.Tech in Information Technology; GPA: 8.18</i>	Puducherry, India <i>2022 – Present</i>
• <b>Acharya Bala Siksha Mandir</b> <i>Higher Secondary; 84.4%</i>	Puducherry, India <i>2021 – 2022</i>
• <b>Acharya Bala Siksha Mandir</b> <i>High School; 75%</i>	Puducherry, India <i>2019 – 2020</i>

## SKILLS

- **Languages:** Python, C, Java, HTML/CSS, JavaScript, PHP, MySQL
- **Frameworks:** Bootstrap, Flask, Flutter
- **ML Skills:** YOLO, OpenCV, TensorFlow
- **Tools:** Jupyter, VS Code, Android Studio, Meta Spark Studio
- **Soft Skills:** Planning, Team Collaboration, Time Management, Problem Solving
- **Language Proficiency:** English, Tamil (Native), Telugu, Hindi (Reader and Writer)

## EXPERIENCE

• <b>Nuvera Infotech Pvt. Ltd.</b> <i>Associate AI Intern</i>	Remote, India <i>Jul 2024 – Oct 2024</i>
• <b>AICTE 1M1B Flaunch</b> <i>Generative AI Intern</i>	Remote, India <i>Oct 2024 – Nov 2024</i>

## PROJECTS

- **Accessible E-Commerce:** Developed shopping platform for "visually impaired" users with screen reading and voice navigation with unique accessible payment system specially made for the blind.
- **EcoBot - AI-Driven Waste Classification:** Integrated LLaMA with vision models utilizing LangChain, ChromaDB, and Ollama for waste classification, promoting sustainability.
- **The Light - Navigation Tool:** Created a secure navigation tool for blind users with unique accessible payment system.
- **EyeQ - Document Classification:** Implemented NLP-driven file classification of files based on the content of it for accessibility.
- **GravitycARgo:** An AI-driven system that boosts container space utilization to 85%, cutting costs, reducing product damage, and lowering CO2 emissions. It revolutionizes logistics with smarter, greener packing strategies.

## ACHIEVEMENTS

- **Finalist-:** Developed "The Light" an AI navigation tool with unique accessible payment system for the blind.
- **Finalist:** 0x.day Hacksday Hackathon, 2024. Recognized for "GravitycARgo", an AI-driven logistics solution for smarter, greener packing strategies.
- **Top Performer:** Creators of Metaverse Program, 2023-24. Recognized for outstanding AR projects using Meta Spark Studio.

## CERTIFICATES

- **Generative AI by Microsoft and LinkedIn:** Mastered generative AI concepts, tools, and ethics.
- **Unity VR Developer:** Learned VR development with Unity and C#.