Jessica B

Student

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Profile

Computer Science Engineering student with a strong academic background and practical exposure to software development through projects and hackathons. Experienced in Java, Python, and problem-solving, with a keen interest in building real-world, impact- driven applications.

Education

B.E Computer Science and Engineering, Easwari Engineering College 2024 – 2028

CGPA-8.69(current) Chennai, India

Skills

Programming Languages
- Java (core and advanced)
- Python
- C

Database

MySQL

Soft Skills
- Leadership
- Teamwork
- Good Communication
- Problem Solving

Languages

- English
- Tamil
- Japanese (N4)

Projects

Blood Connect
- A real-time platform that helps recipients quickly find nearby blood donors using Google Maps. It sends instant alerts through notifications, SMS, calls, and WhatsApp for faster response. Institutions can link their WhatsApp groups to broadcast urgent requests widely.

OD Tracker System
- A digital system that automates the On-Duty approval workflow in academic institutions. It provides role-based dashboards and auto-forwards requests between staff levels. Students can track status in real time, reducing delays and manual effort.

Cart Vision AI
- Built CartVision, an Al-powered retail vision system that detects products without barcodes and auto-updates carts in real time.
- Implemented computer vision pipelines and a smart retail backend using Python, OpenCV, TensorFlow, FastAPI, and PostgreSQL.

Safe Streets
- Built a smart safety jacket integrated with a mobile app to send instant SOS alerts and real-time location updates.
- Designed sensor-based features like panic detection and automated emergency messaging for enhanced personal security.

Certificates and Certifications

- JLPT N5 cleared
- Core Java Programming Revisited-Infosys Springboard
- Introduction to Modern AI (Cisco)
- Security and Connectivity Support (Cisco)
- Python for data science (silver + elite)-NPTEL
- Introduction to CyberSecurity (Cisco)
- Networking Basics (Cisco)
- Introduction to Data Science (Cisco)
- Ethical hacking (elite) -NPTEL
- Introduction to IOT and Digitial Transformation (Cisco)
- Python Essentials 1 (Cisco)

Hackathons & Events

- EMF'25 (3rd place)
- Zero Gravity'25
- Ignite'25
- INNOTHON'25
- VisAlon Hacks'25

Internship

- 1M1B - AI for Sustainability Virtual Internship