



# ANTO MELVIN A

[HTTPS://ANTO-MELVIN-PORTFOLIO.VERCEL.APP/](https://anto-melvin-portfolio.vercel.app/)

## CONTACT

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Karunya Institute of Technology and Sciences  
Karunya Nagar  
Coimbatore 641114

## SKILLS

- Leadership
- Project Management
- Public Relations
- Teamwork
- Time Management
- Programming: Python, java
- IoT: Arduino, Raspberry Pi
- Web Dev: HTML,CSS,JS
- App Dev: Flutter
- Databases: MongoDB
- Tools: Git, Postman
- Photograph and videographer
- Screen direction
- Machine Learning

## LANGUAGES

- English
- Tamil

## OTHER ROLES

- IEEE Computer Science Society:
  - Program Lead of IEEE Computer Science Society at KITS ( 2025-2026 )
  - Lead for Research & Publications

## PROFILE

Innovative Computer Science student at Karunya Institute of Technology and Sciences, skilled in Fullstack, Gen AI, Machine Learning and IoT . Experienced in hackathons and team leadership, with a passion for solving real-world problems. Fellow of NextWave's CCBP 4.0 academy

## PROJECTS AND INTERNSHIPS

### Projects

- SparkVigil - it's a Women's Safety device using IOT.
- AlertNet - which focuses on fire accidents
- ZenAura - AI-based student stress detection and management app.
- Buddy - AI-powered companion app focused on personalized support and real-time interaction

### Hackathon

- FLIPR Hackathon – Meeting transcripts & reminders.
- UYIR Hackathon – Road safety solution.
- Unstop HOAI – Foot Over Bridge (FOB) optimization.
- Israeli-Indian Hackathon - System For Ventilated Patients in Intensive Care
- Digital Campus on Google Cloud Hack Sprint- Karunya Institute of Technology and Sciences
- Smart India Hackathon (SIH) 2025 - SMART BUS TRAVEL COMPANION TICKET RESALE & LIVE TRACKING APP

### Ongoing Projects

- Accident Anomaly Detection – AIML and OpenCV-based accident detection & alerts.
- Air Ambulance – Emergency dispatch system.
- Emotion Tracking for Ventilated Patients – Eye-tracking-based emotion monitoring.
- Automatic speed reduction system - Avoid accidents. The system takes Action
- AI assistant for education - AI, implement an education system like a one-on-one conversation
- VentureVerse - AI implemented Room helps to avoid uncomfortable clothing size

### Internships

- Cisco - Introduction to Cybersecurity (2024)
- Ediglobe - Cyber Security (2024)
- Codetech Solutions - Software Development (2025)

## EDUCATION

**BTech Computer Science and Engineering**  
Karunya Institute of Technology and Sciences

2023 - 2027

**NextWave's CCBP 4.0 academy**  
NextWave

2023 - 2027

**Holy Angel's Matric Hr.sec School**

2011 - 2023