




AKILAN C K

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 Coimbatore , Tamil Nadu , India

Education

2024 – Present Coimbatore	B.Tech Artificial Intelligence & Data Science , <i>KGiSL Institute of Technology</i>
2023 – 2024 Coimbatore	HSC , <i>Suguna International School</i>
2021 – 2022 Coimbatore	SSLC , <i>The Adhyayana International Public School</i>

Skills

MERN Stack (MongoDB, Express.js, React.js, Node.js)	JavaScript (ES6+)
Python	C – Amateur
MySQL	Blender – Amateur
UI/UX Design Fundamentals	Linux – Amateur

Awards

Pre Security Certification, *TryHackMe*

BIT Hackathon 2025 WINNER

Projects

Helmet Detection System

- Developed a computer vision model to detect helmet usage on motorcycle riders
- Used Python for model development and image processing
- Trained and tested the model on labeled image data
- Applied object detection techniques to identify riders and helmets

AI Face Attendance System

- Developed an AI-based face recognition system to automate attendance tracking
- Implemented face detection and recognition using Python
- Stored and managed attendance records in a database
- Improved accuracy by handling variations in lighting and face angles