

BALAJI V

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EDUCATION:

Bachelor of Engineering

Department: Computer Science and Engineering

CGPA:8.68

Institute: Chennai Institute of Technology

Batch: (2024-2028)

INTERNSHIP EXPERIENCE:

Google AI-ML Virtual Internship | Edu Skills India | July 2025:

Gained hands-on experience in Artificial Intelligence and Machine Learning fundamentals through real-world projects. Implemented data preprocessing, model training, and evaluation using Python, TensorFlow. Developed predictive models (Image recognition & Object Detection) and optimized algorithms for accuracy and efficiency.

CERTIFICATIONS:

Introduction to Cyber Security in Cisco NetAcad

Introduction to IoT and Digital Information in Cisco NetAcad

AI Fundamentals with IBM Skills Build

AWS Cloud Practitioner Essentials

Diploma in Python Programming

PROJECTS:

ARC-LITE – Automatic Energy-Saving System for Street Lights with Fault Detection and Centralized Monitoring:

Developed a smart energy-saving system integrating IoT concepts with web-based monitoring. Built the frontend using HTML, CSS, JavaScript, and React, and implemented the backend with Django for real-time data handling and fault reporting. Simulated hardware components in Tinker CAD to model sensor-based light control and fault detection. Designed an interactive dashboard for centralized monitoring, analytics, and energy optimization.

ACHIEVEMENTS	SKILLS	SOFT SKILLS
Completed 400+ LeetCode challenges, strengthening problem-solving and coding efficiency.	Programming: C++, Java, Python Front-End: HTML, CSS, JavaScript Back-End: Django, Node Js, Express Js	Team Management Communication Skills Self-Learner /Adaptability