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**DEVAANNAMALAI**

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# Education

## B.E - Electronics and Communication (2022– 2026)

Karpagam Institute of Technology, Coimbatore CGPA 7.39

# Experience

**New Technology Institute** **(Apr-2023 – May 2023)**

* Training/Internship in Advanced Techniques for Smart Phone and Laptop Troubleshooting, Coimbatore. Attained knowledge of basics of java , data structures and basics of OOPS.
* Participated in hands-on training for Smart Phone and Laptop Troubleshooting.
* Developed expertise in using tools and techniques for troubleshooting devices effectively skills include proficiency in tool usage, attention to detail, problem-solving, collaboration.
* •Skills in diagnosing and repairing hardware/software issues, improving problem-solving abilities.

# Certifications

# DSA in Java (Oct 2024)

NPTEL | SWAYAM

* Topics includes Basic java syntax,Data Structure, Java

collection framework and Basic oops concept

* Proficient in Logical Thinking and Programming in Java.

## Basics of Python (Dec 2024)

Infosys Limited | Infosys springboard

* Python basic, Control flow, Function and models.
* Proficient in Programming in Python

## Problem solving in python (Basic) (May 2024)

Hacker Rank

* Break down complex problems into smaller, manageable parts.
* Proficient in developing the backend of the websites and frontend

## eSim (May 2024)

Spoken Tutorial | IIT Bombay

* Understanding eSim technology, activation, and management processes.
* Skilled in using eSim for circuit design, testing, and analysis.

# Projects

**Leaderboard Application | Full Stack (2024-present)**

* Built a simple leaderboard application to track user scores and display rankings in real-time.
* Features include user authentication, real-time ranking updates, and an admin panel to manage user data and scores.
* This is build to enhance my ability towards the MongoDb and backend work by Javascript.
* My part in this project is to develop a reactive frontend with admin access and to perform work with mongoDB

**TO-DO List |Full Stack (Mini Project)** **(2024–present)**

* This application is for the development of a user-friendly TO-DO application designed for personal use.

Implement with Daliy remainder and interactive UI and user authentication.

* To develop the both Backend and Frontend of the Application.
* It helps to remind my learning progress towards CP and mongoDb and to Enhance my Leader Board.

**Intrusion Detection System for ICS Network Traffic | Team-Project (Oct 2024)**

* Engineered an Intrusion Detection System (IDS) to monitor and protect Industrial Control Systems (ICS) from cyber threats by analyzing network traffic for anomalies.
* The system helps to enhance security and prevent disruptions in critical industries such as energy and manufacturing.
* Technologies: Python, Machine Learning.

**Face Recognition and Tracking System | AI Project (2025 - Present)**

* Designed an AI-powered system using Deep Face and FaceNet to identify and track individuals across security camera networks.
* Integrated real-time video processing for live tracking and recent location detection across multiple feeds.
* Built a frontend interface to upload photos and display matched locations on a map with a timeline.
* Gained expertise in AI/ML models, computer vision, and scalable backend development using MongoDB.

**Technical Skills**  **Soft Skills**

* Programming | Java, Python,C++ Leadership
* Backend | Node.js Team Work
* Frontend | React Native Logical Thinking
* Database | Mysql,MongoDb

**Achievement**

* PROBLEM-SOLVING PROFICIENCY:

Leetcode 300+ problems with 150 active days **(2024-present)**

* Electrox : **(May-2024)**

Participated in Conference in Karpagam Institute of Technology, Coimbatore