

# CHIDAMBARAM N

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## EDUCATION

### KIT - Kalaignarkarunanidhi Institute of Technology- Coimbatore , India

2023 - 2027

B.E. – Computer Science and Engineering , Pre-Final year

Current CGPA: 7.76/10.0

**Coursework:** Computer Architecture, Computer Networks, Operating Systems, Database Management Systems

## EXPERIENCE

### Full Stack Development Intern ,LearnLogicify Technologies – Coimbatore, India (offline)

jun-jul 2025

- Gained exposure to data analysis techniques and tools.
- Worked on data interpretation and visualization..

### Data Analytics Intern , Nxtlogic Software Solutions- Coimbatore, India (online)

May - June 2025

- Built and deployed full stack applications.
- Worked with frontend and backend technologies to develop responsive web apps.
- Learned SDLC and collaborative coding practices.

### Email Marketing or Consultor Intern, Lazeno Consultancy Services, – Ciombatore, India (online)

Oct - Nov 2025

- Lead a 15-member digital marketing team by assigning roles, managing workflows, and ensuring timely delivery of content, designs, videos, and campaigns.
- Developed and implemented structured task sheets and responsibilities for each department, improving coordination, productivity, and project execution efficiency.

## PROJECTS

### Smart Ambulance Traffic System| Python, OpenCV, YOLOv8, IoT Sensors, Firebase, AWS Cloud

[Link](#) | Apr 2024

- Developed an intelligent traffic-light automation system that detects approaching ambulances using YOLO-based real-time object detection.
- Automated traffic signal switching using microcontroller-based IoT modules, ensuring priority passage for emergency vehicles.
- Implemented cloud-based monitoring with Firebase to track ambulance movement and update traffic status in real time.

### AI-Powered Food Waste Tracker | Python, YOLO/ResNet, OpenCV, Flask, MongoDB

[Link](#) | Apr 2025

- Used YOLO/ResNet to detect and classify leftover food for accurate waste measurement.
- Created a simple dashboard to track daily and weekly food waste.
- Added alerts and suggestions using Flask and MongoDB to help reduce food waste.

### Cozy Café Website| HTML, CSS, JavaScript, Bootstrap,React

[Link](#) | Mar 2025

- Designed a clean and visually appealing website layout to showcase café menu, ambience, and customer reviews.
- Developed fully responsive pages using HTML, CSS, and Bootstrap for smooth viewing on all devices.
- Implemented interactive UI elements and animations using JavaScript to enhance user engagement and navigation.

## TECHNICAL SKILLS

C	Power BI	Git	Node.js	SQL
C++	React.js	Github	Google Cloud	AWS Cloud
Python	Next.js	JavaScript	DSA	MongoDB
Java	Express.js	Linux	OOPS	Azure

## CERTIFICATIONS & COURSES

AWS - AWS Certified Cloud Practitioner	<a href="#">Link</a>   2025
Infosys -HTML,CSS,JS,Python Foundation	<a href="#">Link</a>   2024
Udemy - Database Management System (RDBMS)	<a href="#">Link</a>   2025
IBM – AI Foundation	<a href="#">Link</a>   2024
CISCO -Python Essentials	<a href="#">Link</a>   2025

## COMPETITIVE PROGRAMMING

**Leetcode :** Max rating - **1450** | Solved problems: **200+** | Top **73.14%** globally | Badges : **2**

**Codeforces :** Max rating - **710** | Position: **Newbie** | Solved problems: **20+**

**Codechef :** Max rating - **1240** | Position : **1** Star | Problems : **600+** | Global Rank in Codechef : **89124**

## ACHIEVEMENTS

- Won the “Most Innovative Hack” award in a 36-hour Hackathon , recognized for developing a creative and impactful project under intense time constraints
- Qualified for the Final Round of the Innovator Conclave 2025 at BITS Pilani, Hyderabad, showcasing a high-impact project among top student innovators.
- Completed a 5-day AI Agents Intensive Course by Google and participated in the associated hackathon by Kaggle, where we successfully built a functional AI agent using industry-standard tools and practices.