

N U MAYAL

Chennai, India | [LinkedIn](#) | +91 7397376766 | numayalnatarajan@gmail.com

EDUCATION

Easwari Engineering College

Bachelor of Computer Science and Engineering (GPA: 9.48)

Chennai, India

Graduating In: June 2027

Relevant Courses: Data Structures & Algorithms, DBMS, Operating Systems, Design & Analysis Of Algorithms

Top 50 Finalist – Shastra ML Hackathon @ IIT Madras : Predicted city temperature using ensemble models

WORK EXPERIENCE

InterPe

Internship

Chennai, India

September 2024 - October 2024

- Designed and developed Python projects such as Connect Four, Snake & Ladders, Tic Tac Toe, and a functional Digital Clock, highlighting proficiency in logic building, GUI development, and problem-solving.

PROJECTS

CopBot

Interactive Police Service Chatbot

Chennai, India

March 2025 - May 2025

- Designed an AI chatbot with the LLaMA model and Flask backend to streamline complaint registration and query handling.
- Created a mobile-friendly web interface using React and Tailwind CSS, ensuring accessibility and seamless user experience.
- Implemented Node.js and MongoDB for reliable data storage, session management, and real-time complaint monitoring.
- Successfully deployed on Netlify and presented at the Tuticorin Police Hackathon, earning appreciation for practical utility and innovation.

TheDailyPulse, WeatherCast, PinToProgress

Project

Chennai, India

May 2025

- Developed web apps for news, live weather updates, and productivity tracking using HTML, CSS, and JavaScript.
- Designed responsive user interfaces ensuring smooth usability across devices.
- Integrated public APIs to fetch live data and provide dynamic user experiences.

SafePath

Real-Time Safety Wearable

Chennai, India

Nov 2024

- Designed *SafePath*, a prototype wearable for distress detection, built during an internal college hackathon.
- Enabled real-time emergency alerts for personal safety and received positive feedback for innovation.

AcciAlert

Automated Accident Alert System

Chennai, India

June 2024

- Designed an AI system for real-time accident detection with automated SMS/call alerts and location sharing.
- Showcased the prototype at the Nokia Hackathon.

ACHIEVEMENTS

Kratos - National Level Technical Symposium, Easwari Engineering College

Secured Runner-Up position in Bit for Code Wars at KRATOS 2024

Chennai, India

Oct 2024

Mathematical Modelling

Presented applications of Fourier Transform in planetary motion and secured 2nd Prize

Chennai, India

May 2024

CERTIFICATIONS

- | | |
|--------------------------------------|------------------------------|
| • Introduction to Cyber Security | Cisco Certified May 2025 |
| • Introduction to Networks | Cisco Certified July 2025 |
| • Introduction to Internet of Things | NPTEL Certified Nov 2024 |
| • Networking Basics | Cisco Certified Sep 2024 |
| • Python Essentials I | Cisco Certified Sep 2024 |
| • C++ Fundamentals | Infosys Certified Aug 2024 |
| • Java Tools | Infosys Certified Mar 2024 |

SKILLS & INTERESTS

Programming Languages : Python, Java, C++, C

Frontend: HTML, CSS, JavaScript

Database: MySQL

Version Control: Git, GitHub

Core Competencies: Leadership, Communication, Team Management