

Balamurugan M.

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Career Objective:

To leverage my skills and knowledge to contribute to the growth of the company and society.

Academic Qualification:

Course Name	Institution Name	Year of Passing	Percentage or CGPA
B.E Electronics and Communication Engineering	National Engineering College, Kovilpatti.	2025	8.42(Upto 5 th Semester)
HSC	Sri Jayendra Swamigal Silver Jubilee Matric Higher Secondary School, Tirunelveli.	2020	81%
SSLC	Sri Jayendra Swamigal Silver Jubilee Matric Higher Secondary School, Tirunelveli.	2018	92%

Skill Sets:

- C/C++ Programming
- Solidity
- HTML, CSS, JavaScript

Areas of Interest:

Ethereum smart contract development using Solidity

Projects:

IoT-based Automatic Cut-off Timer: The project allows remote or mobile access for setting time to various applications like e-Vehicle charging, vending machines, etc., with authentication and security features.

Decentralized legal name change affidavit notary application: The application will store the legal name change database, which is immutable in Blockchain, facilitating the traceability of name changes by individuals.

Internships:

Summer Internship on Web Development from CodSoft (current)

Co-Curricular Activities:

Hackathons: Smart India Hackathon 2025 - Proposed project: "Smart Safety Stove," designed to prevent gas leakage accidents and provide remote access for disabled and elderly individuals. Cleared at the institutional level and selected for the national level.

Technical Clubs: Active member at IE(I), ISTE, Mistral Embedded Club

NPTEL:

- Introduction to IoT (IIT Kharagpur)
- Technical English for Engineers (IIT Madras) - Elite Silver
- The Joy of Computing using Python (IIT Ropar) - Elite Silver
- Cloud Computing (IIT Kharagpur) – Elite

Certifications:

- Python for Data Science (from eDx)
- Introduction to IoT and Embedded systems (from Coursera)
- Complete Linux Training (from Udemy)
- Data Structures and Algorithm - Duration of 2 months from Internshala Trainings

Workshops:

- IoT Workshop – by Top Engineers.

Extra-Curricular Activities:

Responsibilities held: ECE Department Student Representative, NEC Alumni Council

Volunteering: NEC Eco Club, Rotaract Club