

SANJAY BALAJI M

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CAREER OBJECTIVE

Aspiring electrical engineer seeking a challenging position in a reputed organization to contribute to its success while building a rewarding and fulfilling career in a competitive environment.

EDUCATION

KONGU ENGINEERING COLLEGE

Bachelor of Engineering in Electrical and Electronics Engineering | CGPA: 8.10 (till 7th semester)

Perundurai, Erode

Expected 2025

SPRING MOUNT PUBLIC SCHOOL

Higher Secondary School Certificate | Percentage: 84.6 %

Avinashi, Tirupur

2021

VEDANTA ACADEMY

Secondary School Leaving Certificate | Percentage: 76 %

Uthukuli, Tirupur

2019

TECHNICAL SKILLS

Programming Languages: C, Java, SQL, HTML

Design Tools : Excel, Adobe Photoshop, Illustrator, Figma, DIALux

Engineering Software : Keil, Proteus, MATLAB

Credit Courses : Building Automation, Lighting and Illuminations, PLC

AREAS OF INTEREST

- UI/UX
- Digital Electronics

PAPER AND PROJECTS

ALLIUM CEPA PASSIVE STORAGE

Mar 2023

- Luminous 2K23, a National Level Tech Fiesta organized by IEEE at Bannari Amman Institute of Technology
- Developed innovative storage solutions to enhance agricultural productivity.

LPG GAS LEVEL MONITORING AND LEAKAGE DETECTION SYSTEM

Feb 2024

- Infinity 2.0, a National Level Project Expo organized by IEEE at Kongu Engineering College.
- Designed a real-time gas monitoring and leak detection system using IoT, enhancing safety standards for domestic and industrial applications.

SMART ENERGY METER

May 2024

- Academic Project during 6th Semester.
- Designed an efficient energy meter for real-time electricity consumption tracking.

INPLANT TRAINING

MODENIK LIFESTYLE PRIVATE LIMITED

Uthukuli, Tirupur

- Undergone 6 days of training, gained practical knowledge and insights into manufacturing processes and electrical systems.

Aug 2022

SREE RENGARAJ ISPAT INDUSTRIES

Perundurai, Erode

- Undergone 6 days of training at a steel plant with an integrated thermal power plant, where I gained practical knowledge in steel production processes and power plant operations.

Jun 2023

LEADERSHIP AND ORGANIZATIONAL ROLES

ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGINEERING

Treasurer

Perundurai, Erode

Aug 2024 – Present

- Efficiently managed event budgets and coordinated financial resources.

IEEE STUDENT BRANCH – 29741

Secretary

Perundurai, Erode

Aug 2024 – Present

- Led operations and organized technical workshops and seminars to enhance student engagement.