Bhuwaneshwaran K

Email: bhuwaneshbuvi@gmail.com | Location: 6/71A, Veeranam, Salem, Tamil Nadu, 636122

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Education

Bachelor of Engineering in Electrical and Electronics Engineering
Dhirajlal Gandhi College of Technology, Salem
2022 – Present | GPA: 7.65 / 10

Internship Experience

Intern – United Manufacture India, Salem
Summer 2025

- Contributed to the development of an Electric Vehicle by assisting with system integration and component testing.

- Supported IoT-based automation projects, including sensor configuration and microcontroller programming.

- Worked on small scale projects by component connection by soldering and implemented Arduino ide codes

- Created technical documentation to support academic research and PhD-level publications.

Projects

CAN Bus Communication Module

- Developed a communication module using Arduino for CAN bus protocol.

- Programmed and tested real-time data transmission between microcontrollers.

Skills

Technical Skills:

- Embedded Systems: Microcontrollers, Raspberry Pi, IOT

Programming Languages: C, Python

Tools & Technologies: Arduino IDE, MATLAB, Eclipse, Visual Studio Code, MS Word, MS Excel, LabVIEW

Certifications

- Workshop - AI-Driven Networking – NIT Trichy (2025)

- Workshop – Applied Data Science and Machine Learning – MIT Chennai (2025)

- Introduction to MS Excel (2025)

- Python: Mastering the Essentials (2025)

- Certificate of Appreciation – Symposium, GCE Salem (2023)

- Onsite Training – NIRT Renewable Energy Limited (2023)

Extracurricular Activities

- Placement Coordinator – Department Association (EEE)

- Member – Bureau of Indian Standards (BIS)