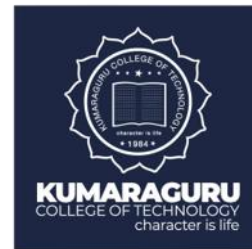


RESUME



GIRINATHAN R

ELECTRICAL AND ELECTRONICS ENGINEERING

+91 9677677148

Girinathan416@gmail.com

<https://www.linkedin.com/in/girinathan-r-80a847356?>

Objective:

Highly adaptable and goal-oriented professional, eager to develop expertise in problem-solving and logical thinking. Motivated to contribute to impactful projects, continuously enhance technical skills, and collaborate effectively with teams to drive innovation and technological advancement.

Education:

B.E – Electrical and Electronic Engineering UG: (2022 – 2026)

Kumaraguru College of Technology |CGPA: 7.20%

Cheran Vidyalaya matric higher secondary school.

HSC : (2021 – 2022)-75%

SSLC: (2019 – 2020) -80%

Certification:

Certificate of Completion – EV 360° Workshop

System-on-Chip (SoC) Workshop Certificate – NIT Trichy

Certificate in ASEAN Research Colloquium

Soft Skills

- Documentation
- Presentation Skills
- Teamwork
- Leadership and Management

Technical Skills

- Mechanical Designing
- Basic C programming
- MATLAB
- Mechanical Fabrication
- Python

Projects :

Embedded project

Embedded mini project Developed an industrial hazardous detection system using STM32, integrating multiple sensors to monitor abnormal environmental conditions in real time.

IOT project

Engineered an IoT-enabled road monitoring system for real-time pothole detection with GPS-based wireless reporting.

Developed an IoT-based Smart Home Automation System for remote monitoring and control of home appliances.

Final year project

Developed an AI-based smart crop monitoring system using a hybrid CNN-CAT Boost algorithm for real-time crop disease detection and health prediction.

Experience:

Industrial Internship – High Tech CNC Automation, Coimbatore.

Industrial Internship – Embglitz Technology, Coimbatore.

Personal Interest

- Traveling
- Driving cars
- Photography
- Exploring new things

Languages Known

- Tamil - proficient
- English – proficient
- Malayalam- basic
- Hindi – read & write

DOB:22.10.2004

Malar avenue 3rd Street Coimbatore