

# GUHAN KARTHIK C

## ELECTRONICS AND COMMUNICATION ENGINEERING

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### SUMMARY

Looking for a chance to work for an IT company where I can apply my expertise in electronics and communication engineering. Eager to work on projects involving embedded technologies, network systems, and software development and to pick up new skills and develop in a cutting-edge setting.

### TECHNICAL SKILLS

Frontend: HTML , CSS.

Backend: Java - core java , OOPS , collections.

Database: MySQL.

### PROJECTS

#### SMART PHONE OPERATOR LAWN MOWER

SEP-DEC 2023

- Implemented the Lawn Mower, enhanced with Pixhawk Autopilot technology. GPS-guided navigation, obstacle detection, and adaptive mowing patterns , are some features.
- **Role played : Team member | assembly & fabrication Team members : 5**

#### ONLINE EDUCATIONAL INSTITUTIONS MAGAZINE JAN-MAR 2025

#### MANAGEMENT PORTAL

- This project aims to develop a professional online college magazine with article categorization, feedback, ratings, and search functionality. It enables students and faculty to post and explore articles, fostering global literary engagement.
- **Role played : Team member | Frontend Team members : 3**

### EDUCATION

#### Bannari Amman Institute of Technology

2021 - 2025

B.E - Electronics and communication Engineering with CGPA of 7.66

#### Syed Ammal Matriculation Higher Secondary School, Ramanathapuram.

- I achieved a 93.2% score in SSLC examination. **2018 - 2019**
- I achieved a 94% score in HSC examination. **2020- 2021**

### ADDITIONAL INFORMATION

- **Languages:** English, Tamil
- **Internship:** Training on the topic of “Data Analytics”, NoviTech R&D Private Limited, Coimbatore.
- **Patent:** I have filed a patent for a smartphone operated lawn-mower. Published on 15/03/2024.
- **Competition:** Our team participated in the BIT's Hack23 competition and was selected to compete in the finals as well.