AMAN BALAKRISHNA MUTTAM

CONTACT

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HARD SKILLS

- Design and Construction of Circuits
- Communication
- Presentation
- Embedded System
- Raspberrypi
- Network Theory
- Musician

SOFT SKILLS

- Python
- MATLAB
- Simulink
- C Programming
- Verilog HDL
- Assembly Language
- Basics of HTML and CSS

EXPERTISE

- Leadership
- Communication
- Problem Solving
- Time Management

INTERNSHIP

- Central Manufacturing Technology Institute
  Aug 2023 - Sep 2023

PROFILE

Motivated engineering student with a strong aptitude for problem-solving and creativity, proficient in both software and Electronics and Electricals. Experienced in designing and troubleshooting electronic circuits with a keen eye for identifying and resolving technical issues. Seeking opportunities to apply my knowledge and skills to contribute to cutting-edge projects and make a meaningful impact in the field of engineering.

EDUCATION

- **Bachelor of Engineering - Electronics and Communication**
  2020-2024 (CGPA:8.5)
  St Joseph Engineering College, Mangaluru
- **Class 12 - Physics, Chemistry, Mathematics, Electronics**
  2018-2020 (Grade: 82.33%)
  Canara Pre-University College, Mangaluru
- **Class 10 - SSLC**
  2017-2018 (Grade: 90.24%)
  Cascia High School, Mangaluru

PROJECTS

- **An autonomous Agricultural Machinery for enhancing plant disease detection in real-time analysis**

Funded by Ministry of heavy Industries at Central Manufacturing Technology Institute, Government of India.
Utilized CNN deep learning model for real-time plant disease detection in autonomous agriculture systems.

- **ECG Graph Monitoring using Arduino**

Developed real-time ECG monitoring system with Arduino for medical applications, demonstrating proficiency in hardware interfacing and data visualization.

- **Shopping Web page using VS Code**

Developed a shopping website using VS Code, showcasing web development skills and e-commerce functionality.

CERTIFICATIONS

- Integrated Circuits, Mosfets, OP-Amps and their Application NPTEL Certification, MoE, Govt. of India
- Python 3 Specialization, Coursera Certification University of Michigan, USA
- Digital Image Processing, Asia University, Taiwan

ACHIEVEMENTS

- 3rd Runner up at National Design and Innovation Clinic 2023 at CMTI Bengaluru