

Asha.S

Mangalore, India | ashasreenath1234@gmail.com | +91 7795371412 | www.linkedin.com/in/ashasreenath

SUMMARY

B.E. Electronics and Communication Engineering student (6th semester) with a strong foundation in analog and digital electronics, embedded systems, and basic programming. Interested in applying theoretical knowledge through internships and entry-level engineering roles. Quick learner with good problem-solving skills

SKILLS

- **Engineering Tools:** Keil uvision3, MATLAB, Octave GUI, Arduino IDE
- **Content Editing:** Microsoft office, Power point, Excel, Microsoft word, Canva, Adobe.
- **Technical skills:** C programming, Python
- **Soft Skills:** Team Building, Time Management, Leadership, Communication, Team work, Problem-solving

INTERNSHIPS/PROJECT

1.AI-Powered EV Battery Fire Prevention System - EV.ENGINEERING |2025-26

This project focuses on developing an intelligent system to predict and prevent fire hazards in electric vehicle (EV) batteries. Using artificial intelligence and IoT-based sensors, the system continuously monitors key battery parameters such as temperature, voltage, and current. Machine learning algorithms analyze the collected data to detect early signs of thermal runaway and trigger preventive alerts. This innovation aims to enhance the safety, reliability, and efficiency of EV battery systems through real-time monitoring and predictive maintenance.

2.Electric Power Generation by Speed Breaker Generators |2024-25

This project aims to generate electrical energy from the kinetic energy produced by vehicles moving over speed breakers. The system converts the vertical motion of the speed breaker into rotational motion using a mechanical setup, which then drives a generator to produce electricity. The generated power can be used for streetlights or stored for future use. This eco-friendly approach helps in energy conservation by utilizing wasted mechanical energy from traffic movement

EDUCATION

- **Bachelor of Engineering- Electronics & Communication Engineering**
- **AJ Institute of Engineering |2023-2027| CGPA-7.9**
- **XII - Intermediate | Ambika Vidyalaya | 2022 – 2023 |84.5%**
- **SSLC |Jnana Ganga Central School,Bellare | 81%**

ADDITIONAL INFORMATION

- Club Membership: IEEE (Is the Global Community for Technology Professionals). I was the student branch active member of Mangalore sub-section and attended various meets and also participated in various district through the IEEE club
- Participated in I² Connect 2k24 at VC Engineering College, Puttur.
- Participated in the Srishti Avishkar Project Exhibition event held at Atria College, Bangalore.
- Rama Krishna Mission: Visited the Ramakrishna Mission, attended an awareness meeting on social and spiritual development, and received a certificate of participation.
- Beach Cleaning: Participated in a beach cleaning activity as part of the NSS, contributing to environmental awareness and community service.
- Hobbies: Dancing, Singing, Reading, Travelling , sports , cooking
- Languages known: English, Kannada, Tulu