



SUMMARY

Dedicated and results-oriented Electronics Engineer with a strong academic background and a passion for innovation. Experienced in designing, developing, and testing electronic systems and components for various industries. Skilled in troubleshooting and resolving complex technical issues, ensuring optimal functionality and performance. Proficient in utilizing industry-standard tools and software for circuit design, simulation, and analysis. Excellent communication and problem-solving abilities, with a commitment to continuous learning and professional growth.

EDUCATION

Marathwada Mitra Mandal's College Of Engineering

Bachelor's Degree in Electronics and Telecommunication Engineering
2020 – 2024

SGPA

FE : 9.93

SE : 8.89

TE : 8.38

BE : 9.18

SKILLS

- Embedded Systems: Design, develop, and debug embedded systems; hardware-software integration.
- Robotics: Build and program robotic systems; autonomous navigation and sensor integration.
- Microcontroller Programming: Proficient in C/Embedded-C for ARM, PIC, AVR microcontrollers.
- RTOS: Develop real-time applications using FreeRTOS, VxWorks, RTEMS; task scheduling and synchronization.
- Programming Languages: C, Embedded-C, Python, Assembly.
- Development Tools: Keil, MPLAB, Arduino IDE, Git, JTAG, oscilloscopes, logic analyzers.
- Communication Protocols: I2C, SPI, UART, CAN, Ethernet, Bluetooth, Zigbee, Wi-Fi.
- Problem-Solving: Strong analytical skills, troubleshooting, and delivering high-quality solutions.

PROFESSIONAL EXPERIENCE

Automation Engineer

Robocon Team Rudra | Sept 2021 – July 2022

- Actively contribute to robotics projects undertaken by the club, working collaboratively with other members to design, build, and program robots for ABU-ROBOCON
- Gained hands-on experience in programming robots using languages like Arduino, Python, or C++.
- Assisted in testing robots to evaluate their performance, identify any issues, and troubleshoot problems.
- Assisted in promoting the robotics club to attract new members and increase its visibility within the academic community.

Automation and Electronics Head

Robocon Team Rudra | July 2022 – July 2024

- Provided strategic direction, guidance and mentorship to the electronics team, ensuring high performance, collaboration and continuous professional development.
- Engage in research activities related to robotics, exploring new technologies, algorithms, or methodologies.
- Oversaw the design and development of electronic system, components and devices ensuring they meet technical specifications, performance requirements and project timelines.

Embedded Engineer

Epitage Consulting Services Pvt. Ltd | Feb 2023 – April 2023

- Collaborated with software, firmware and hardware engineers to develop complete embedded solutions.
- Researches and identified new technologies and approaches, helping to proactively solve unique issues.
- Participated in IOT (Internet of Things) development, specializing in interfacing of sensors with RaspberryPi.