

ROHITH KUMAR J

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OBJECTIVE

Dedicated and detail-oriented Electronics trainee with hands-on experience in Hardware design, electronics hardware testing . Seeking a challenging role as a Design Engineer, Hardware Testing Engineer and software engineer to apply my expertise in testing, design methodologies, and optimization techniques. Eager to contribute my technical skills, strong analytical mindset, and passion for innovation to drive excellence in dynamic projects. Additionally, I have a strong foundation in Full stack web development, with expertise in front-end and back-end technologies, supported by a Java Full Stack Development course.

EDUCATION

Electronics and Communication Engineering

Bachelor of Engineering

Sri Krishna Institute of Technology

7.18 CGPA

BANGALORE, INDIA

2018 to 2022

SKILLS

- Familiarity with Digital Electronics Fundamentals, Verilog and VHDL basics
- Proficient in hardware development and simulation tools (liberio ,modelsim , questasim)
- Proficient in PCB design software tool (Cadence ORCAD)
- Knowledge of JAVA, HTML, CSS, JAVASCRIPT, MYSQL, C
- Proficient in Flight hardware card testing, functional testing
- Proficient in telecommand and telemetry verification for satellite communication (MIL-STD-1553)
- Knowledge of Embedded C for microcontroller based applications
- Hands-on experience with lab tools such as multimeters, digital oscilloscopes, spectrum analyzers, and power supplies.

EXPERIENCE

U R Rao Satellite Centre(URSC, ISRO)

Graduate Apprentice Trainee

BANGALORE,INDIA

November 2023 till date

- **Worked On:** Schematic and layout designing, Hardware testing ,Research and development for satellite projects
- **Software tools :** liberio, Cadence orcad, vivado, Linux

Signovus Technologies pvt ltd

Trainee Engineer

BANGALORE,INDIA

May 2023 to October 2023

- **Worked On:** Vibrational testing, thermal cycling, QA and QC
- **Software tools :** Basic SAP , MS Word, MS Excel

PROJECTS

ROBO FOR FACEMASK & TEMPERATURE DETECTION

In this project, the robot will check if a person is wearing a facemask and also measure their body temperature. If the temperature exceeds a certain threshold, the system will report the details to an authorized person. This system can be used at the entrance of institutions and offices.

Worked On: Arduino uno, Sensors, Stepper motor,ESP32 Camera

Software tool: Arduino IDE

Programming: Embedded C

CERTIFICATIONS

Jspiders training and development Centre

Java full stack Trainee

BANGALORE,INDIA

September 2022 to April 2023

- **Programming :** Core Java, HTML, CSS, Java script, Mysql
- **Software tools :** Eclipse, visual studio code

LANGUAGES

English, Kannada, Hindi, Tamil, Telugu

HOBBIES

Cricket, Chess, Photography, Travelling, Listening Music