

# DHARUN ANAND S

Entry-Level Engineer

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## Education

### St.joseph's Institute of Technology

Bachelor of Engineering - Electrical and Electronics Engineering

2024 present

CGPA - 8.23

### Edustar International School

Higher Secondary Education

2019-2021

84.8 Percent

## Certifications

Business English Certificate (BEC) - B1 Grade (Vantage)

Prepinsta Technologies - HTML,CSS,Javascript

Spoken Tutorial Project, IIT Bombay - Arduino Training test

## Internships

### Sonaiya Software Solutions

Embedded System

June 2024 – July 2024

Chennai, Tamilnadu

- This internship aims to explore the integration of embedded systems and the Internet of Things (IoT) to develop innovative solutions that enhance connectivity and automation.
- As an intern gained hands-on experience with various embedded systems development tools, IoT platforms, and programming languages commonly used in this domain.

### PSK Technologies

Assembly Technician Intern

May 2023 – June 2023

Chennai, Tamilnadu

- Assisted in the assembly and installation of mechanical components including nuts, bolts to ensure secure and accurate construction.
- Conducted quality checks on assembled components, identifying and correcting any defects or misalignments.
- Collaborated with senior technicians to troubleshoot and resolve assembly issues, ensuring smooth production flow.

## Projects

### Stability Evaluation of Tunnel Rescue Operation Based on LORA WSN

Ongoing

- Engineered and deployed a LORA Wireless Sensor Network tailored for tunnel environments, enhancing real-time data transmission and monitoring capabilities to support critical rescue efforts.
- This study demonstrates that adopting LoRa WSN can lead to more efficient and safer rescue missions, ultimately saving lives and resources.

### Ticket Price Calculator App | Java, Android Studio

July 2024

- Created an Android application using Java and Android Studio to calculate ticket prices for trips to museums in NYC.
- Processed user inputted information in the back-end of the app to return a subtotal price based on the tickets selected.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

## Skills

Technical Skills - HTML/CSS, JavaScript, Video Editing

Soft Skills - Communication, Teamwork, Adaptability, Creativity

## Extracurricular

- Earned a district-level certification in football at the Madurai Tournament.
- Produced and edited promotional and event videos for departmental activities, ensuring high-quality visual content that effectively communicates key messages and engages the college community.
- Coordinated and managed departmental events, scheduling, and execution to ensure successful and well-organized activities.