

# DHANU DHARVIN B

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🌐 LinkedIn | 🐙 Github

## OBJECTIVE

Passionate Electronics and Communication Engineering student with a keen interest in VLSI and Embedded Systems. Seeking opportunities to apply my technical skills in hardware-software integration projects and embedded applications.

## EDUCATION

**BE in Electronics and Communication** 2022 - Present

Saveetha Engineering College , Chennai , India

- ✓ Marks: 9.2/10 (Till 5th Semester)
- ✓ Related coursework: Embedded systems, Vlsi design and communications.

**Hsc in Computer Science** 2021 - 2022

Our Lady Of Lourdes Matriculation Higher Secondary School , Pollachi , India

- ✓ Marks: 86.33

## SKILLS

### Programming Skills

- ✓ C
- ✓ Python
- ✓ Java

### Tools

- ✓ Proteus
- ✓ Arduino IDE
- ✓ Cadence Virtuoso

### Soft Skills

- ✓ Punctuality
- ✓ Teamwork
- ✓ Time management

## ACADEMIC PROJECTS

### Bluetooth - Controlled RC Car

- ✓ Developed a wireless vehicle controlled via a smartphone using a Bluetooth module and microcontroller.
- ✓ Demonstrated motor control, basic robotics, and wireless communication in a compact, customizable design.

### Obstacle - Avoiding Robot

- ✓ Built an autonomous robot that detects and avoids obstacles using sensors.
- ✓ Enabled real-time decision-making and showcased sensor-based robotics for autonomous navigation.

### Human - Following Robot (Mini Project)

- ✓ Designed and built an autonomous robot that follows a predefined path using infrared sensors.
- ✓ Utilized ultrasonic and infrared sensors for tracking human movement and enabling autonomous following behavior.

## INTERNSHIP

### UNIQ Technologies

Jun 2024 – July 2024

Chennai, India

- ✓ Gained practical knowledge in Arduino IDE and Proteus simulation tool
- ✓ Implemented mini projects in Proteus, including sensor-based circuits
- ✓ Learned circuit design, simulation, and code uploading using Arduino Uno

## CERTIFICATIONS & AWARDS

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- ✓ NPTEL – Cloud Computing
- ✓ NPTEL – Internet of Things (IoT)
- ✓ Completed **HDL Programming** course on Udemy

## EXTRACURRICULAR ACTIVITIES

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- ✓ Maintained 100% attendance in college
- ✓ Overall Workshop Coordinator for ECE Department – **DrestEin 2024**
- ✓ Workshop Coordinator for **Non Stationary Signal Processing Workshop** – DrestEin 2023
- ✓ Served as the **Co-leader of Mercy House** during school
- ✓ Participated in school marathons promoting discipline and fitness

## REFERENCES

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References not available ...