

# PRASHANT SARVAIYA

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## EDUCATION

**Marwadi University (NAAC A+ Accredited) (2022 - 2026)**

June 2022 – May 2026

**Location:** Rajkot, Gujarat, India

**Degree:** Bachelor of Technology in Information and Communication Technology

**CGPA :** 6.9/10.0

## SKILLS

<b>Programming Languages:</b>	JavaScript, PHP, C language, Python
<b>Web Technologies:</b>	HTML, CSS, JS, ReactJS, NodeJS, ExpressJS, Tailwind CSS, Bootstrap
<b>Database Technologies:</b>	MySQL, Firestore , MongoDB
<b>AI/ML and Data Science:</b>	Machine Learning, Data Visualization,
<b>Other:</b>	Git, Github, Postman, Firebase

## WORK EXPERIENCE

**Properdose Healthcare Pvt. Ltd.,** Rajkot, Gujarat India

March 2024–June 2024

**Hardware and Firmware Intern**

- Developed firmware for an Automatic Pill Dispenser
- Collaborated with engineering teams on hardware design and troubleshooting
- Make Testing Web app for Pill dispenser
- Integrated cloud-based IoT solutions for data tracking

## PROJECTS

**VoloConnect – A Volunteer Management System**

(Skills: MySQL Database, ExpressJS, NodeJS, ReactJS, API, Postman) - ([GitHub Repository](#))

- Developed a comprehensive volunteer management platform to streamline the process of discovering, assigning, and managing volunteers across various events.
- Enabled event creation, volunteer enrollment, and task assignment, along with a dedicated interface for volunteers to raise and resolve queries efficiently.
- Implemented automated Excel sheet generation for easy tracking and reporting of enrolled volunteers per event.

**Inventory Management System**

(Skills: HTML5, CSS3, JavaScript, mySQL, PHP, Role-Based Access) -

- Developed a stock management system to track IoT components for a robotics club with real-time issue/return tracking.
- Built role-based access for admins to manage inventory, logs, and component history through a centralized dashboard.
- Ensured smooth UI/UX with clean navigation and maintained data integrity using MySQL for reliable record-keeping.

**Smart Helmet – IoT-Based Safety Solution for Bike Riders**

(Skills: Flutter, Raspberry Pi, MPU6050 Sensor, OLED Display, Firebase) - ([Github](#)) ([DEMO](#))

- Built an IoT-based smart helmet with real-time navigation display, accident detection, and emergency alerting for bike riders.
- Developed a Flutter mobile app to set navigation routes and emergency contacts, synced with the helmet system.
- Used MPU6050 sensor and Raspberry Pi to detect crashes and display live directions on an OLED visor.

## CERTIFICATIONS

**React and Node.js Full Stack Development: By Building Apps** ([Udemy](#))

- Learn MERN stack with building real time projects.

**React JS** ([GeeksforGeeks](#))

- covering React fundamentals, advanced hooks, routing, Redux, and project development.
- Gained hands-on experience by building real-world projects like Notes App and E-commerce platform.

## ACHIEVEMENTS

- President of Robotics Club : Marwadi University (2023)
- Finalist in Intellify Hackathon : Marwadi University (2024)
- Participated in Flipkart GRID 5.0 - Robotics Challenge (2023)
- Winner in Robowar Competition at MU Fest (2024)

## SOFT SKILLS

Teamwork  
Communication

Problem Solving  
Leadership