

AYUSHI MISHRA

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EDUCATION

Central University Of Karnataka , Kalaburagi

Nov 2021 –May 2025

B.Tech – Electronics and Communication Engineering– CGPA: 8.6/10

WORK EXPERIENCE

Iwayplus Pvt Ltd. [IIT Delhi]

May 2024 –July 2024

Embedded System Intern

- Designed and developed a Frontend interface linked to Firebase for an Asset Tracking project.
- The Frontend Interface for Asset Tracking Project focuses on developing a user-friendly and interactive web-based interface to monitor and manage assets in real-time. It will display the MAC ID, Timestamp, RSSI value and the Distance.
- The ESP32 module tracks the data of the WIFI module and sends the data to the firebase so that we can analyze the data.
- Interfaced RP Lidar with Raspberry Pi using the Adafruit RPLidar library for indoor navigation system .

Unified Mentor

Oct 2023 –Dec 2023

Web Development Intern

- Engaged in a dynamic web development internship where I actively contributed to the creation, enhancement, and maintenance of web-based applications. Collaborated closely with cross-functional teams to deliver high-quality solutions that aligned with organizational objectives.
- Contributed to the optimization of website performance through efficient coding practices and page load optimization techniques.
- Assisted in the development and implementation of responsive and user-friendly web interfaces.
- Implemented new features and functionality in E-Commerce Website using Bootstrap frameworks to enhance user experience and interactivity.

PROJECTS

Portfolio Website | Full Stack Development

- Built a fully responsive and interactive portfolio website using **HTML, CSS, and JavaScript** to showcase projects, skills, and achievements.
- Added **interactive animations, image sliders, and scroll effects** using Javascript and Bootstrap to improve visual appeal and user engagement.
- Deployed the website using **GitHub** enabling public access and allowing potential employers to explore the site in real time.
- Optimized the website for **mobile-first design**, ensuring responsiveness across all devices and screen sizes.

RFID Based Attendance System | Embedded System

- Built an **RFID-based attendance system** using **Arduino, RFID-RC522 module, and LCD display** for real-time attendance monitoring.
- Configured the system to **store attendance data** directly in **Google Spreadsheets** using **Google Sheets API**, enabling easy data access and management.
- Ensured accuracy and security by assigning unique RFID tags to each user, preventing unauthorized access.
- Designed the system to be **scalable and responsive**, making it suitable for schools, offices, and event management.

Frontend Interface for Asset Tracking Project | Frontend Development

- Designed and developed a **Frontend** interface linked to **Firebase** for an **Asset Tracking project**.
- The Frontend Interface for Asset Tracking Project focuses on developing a user-friendly and interactive web-based interface to monitor and manage assets in real-time.
- The technologies used are **HTML,CSS,Javascript,Firebase**.These technologies were chosen to create a robust, scalable, and maintainable frontend interface that provides a seamless user experience.

TECHNICAL SKILLS

- Languages and Tools:** C++ | HTML/CSS | Javascript | PHP| NPM | JQuery | Wordpress | Postman | Bootstrap | Reacts Js| NodeJs | ExpressJs| Git | Github| Mysql | Firebase | Linux | EJS | Proteus | Embedded System | Arduino | Raspberry Pi | ESP32 .
- Key Strengths :** Technical proficiency | Problem-Solving Skills | Good communication Skills | Collaborative Team Leader .

CERTIFICATES

- System Design using Verilog by [NPTEL](#).
- Full Stack Development by [Udemy](#).