

Akash Bauri



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Skills & Tools

Languages: C/C++

Microcontrollers: Espressif, Arduino, Raspberry Pi Pico W

Sensor Interfacing: I2C, SPI, UART, Analog

Networking: NRF24L01, 433MHz RF, BLE, WIFI

Tools & IDEs: VS Code, Thonny, Arduino IDE, Git, Github

Hardware Prototyping: Breadboarding, Soldering, Multimeter usage

Web Dev: Javascript, Tailwind CSS, Automatic CSS, PHP, Mysql, XAMPP, Local, Wordpress

Internship

Ardent Computech Pvt. Ltd.

Aug 2024 - Oct 2024

Full Stack Web Dev using PHP & MYSQL

- Collaborated with teammates during full-stack web development training to design and develop a dynamic **Restaurant Management System**.

Okio Webstudio LLP

Nov 2024 - Apr 2025

Web Developer Intern

- Participated in designing and developing responsive websites using WordPress with Bricks and Automatic CSS.

Projects

Wireless Water Level Monitoring System (youtube link)

- Developed wireless water-level monitoring system using waterproof ultrasonic sensor with long-range NRF24L01+ module.
- Integrated TFT Display with userfriendly graphics to show water-level status and alerts for low-battery and poor-connection.

Plant Monitoring System Project

- Integrated real-time data collection to measure parameters like soil moisture, temperature, and humidity.
- Created a user-friendly interface to display data and provide actionable insights for plant care.

Education

Lovely Professional University

2025- 2027

- Masters in Computer Application

MAKAUT University

2022- 2025

- Bachelors in Computer Application: 7.78 CGPA

West Point School (CBSE)

2020 - 2022

- 12th Std : 69%

Jawahar Navodaya Vidyalaya (CBSE)

2015 - 2020

- 10th Std : 72.6%