

Ravi Kumar

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Objective

Electronics Communication Engineering student seeking an Embedded Systems Internship at CircuitWorks Tech to apply skills in C, Embedded C, and IoT development.

Education

B.S. in Electronics Communication Engineering

Expected May 2026

University of Electown, Electown, ST

GPA: 3.8/4.0 | Relevant Coursework: Embedded Systems, Digital Electronics, Microcontrollers

Skills

- Technical: C, Embedded C, Arduino, STM32, Oscilloscopes
- Analytical: Firmware Debugging, System Integration
- Soft Skills: Problem-Solving, Team Collaboration, Technical Documentation

Experience

Electronics Lab Assistant

University of Electown

Jan 2024 – Present

- Programmed microcontrollers in Embedded C for IoT prototypes, improving system efficiency by 10%.
- Tested circuits using oscilloscopes and logic analyzers.
- Documented firmware development processes for lab projects.

Intern

TechCircuits Ltd.

Summer 2023

- Assisted in developing firmware for smart home devices.
- Integrated Bluetooth modules into embedded systems.

Projects

IoT Smart Sensor Project

Fall 2023

- Developed an Arduino-based smart sensor system, reducing response time by 15%.
- Presented prototype at the University Tech Fair.