

Harsh Rananaware

Electrical Engineer

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Pune, MH

Summary

Electrical Engineering student with expertise in circuit design and system integration. Experienced through academic projects and an internship at Rishabh Instruments, with certifications in Systems Engineering (UNSW) and Energy Literacy. Seeking to apply technical skills and problem-solving abilities in an entry-level engineering role.

Work Experience

Intern

Rishabh Instruments, Nashik, MH

January 2025 – January 2025

Skills

Systems Engineering

Calibration

System Integration

Problem Solving

Electrical Documentation

Technical Reporting

Education

Bachelor of Engineering in Electrical

AISSMS College of Engineering, Pune, MH

Graduation: 2026

Higher Secondary Level

Nutan Vidya Mandir, Nashik, MH

Passed out: 2022

High School

Ryan International School, Nashik, MH

Passed out: 2020

Projects

Arduino Door Lock with Smartphone Flashlight Login

March 2025 – March 2025

Developed a smart door lock system using Arduino and light-based input from a smartphone flashlight, enhancing home security with a simple and reliable access method.

Mobile Network Jammer Circuit

June 2023 – June 2023

Built a circuit to disrupt mobile network signals within a limited range, providing hands-on exposure to RF-based hardware applications and electromagnetic interference concepts.

Sleep Alert System using Arduino

January 2024 – January 2024

Created a real-time alert system to detect signs of drowsiness and notify users through alarms, contributing to improved safety in transportation and work environments.

Glass Break Alarm System

August 2024 – August 2024

Constructed a security alarm circuit using the 555 timer IC in trigger mode to detect breaking glass, demonstrating practical knowledge of analog circuits and alarm systems.

Certifications

- Introduction to Systems Engineering
- MATLAB OnRamp
- Energy Literacy