

# SUHAN KHADKA

B.E. Computer Engineering Student



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## SUMMARY

Motivated B.E. Computer Engineering student with foundational knowledge in programming, embedded systems, and hardware. Exploring robotics and IoT through hands-on Arduino projects involving automation and sensors. Learning C/C++ and Python, with growing experience in circuit design. Passionate about integrating software and hardware in practical applications.

## ACHIEVEMENTS

### Volunteering Internship

## SKILLS

- Programming Languages: C/C++, Python, Rust, ROS - Skillful
- Tools: VS Code, Cursor, Figma, Proteus - Skillful
- MERN Stack Development | Node.js | Express.js | MongoDB | - Skillful

## LANGUAGE

Nepali	● ● ● ● ○
English	● ● ● ● ○

## EDUCATION

### SEE

Bageshwari Academy E.M.S. School / Kohalpur, Banke / August, 2021

### +2

Gorkha United Public School / Kohalpur, Banke / October, 2021 - August, 2023

### Bachelors in Computer Engineering

National College Of Engineering / Talchhikhel, Lalitpur / January, 2024 - Present

## EXPERIENCE

### Member

NCE ROBOTICS CLUB / May, 2025 - Present

## TRAINING/CERTIFICATION

### MERN STACK BOOTCAMP

NCE IT CLUB / 2024

## UI/UX WORKSHOP

NCE IT CLUB / 2024

## 3 DAYS AUTODESK FUSION 360 BOOTCAMP

NCE ROBOTICS CLUB / 2025

## PROJECTS

### Arduino All in One Robot

Arduino-based multifunctional robot with four modes: Bluetooth control, voice control, obstacle avoidance (ultrasonic sensors), and line following (IR sensors). Demonstrates basic robotics and sensor integration for smart navigation.