

Neel Sheth

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Summary

Dedicated and highly motivated Electronics and Communication Engineering student with a strong foundation in programming and technical skills. Passionate about leveraging technology to solve real-world problems. Demonstrated proficiency in Python, C++, and Assembly Language, with hands-on experience in data visualization, image processing, and microcontroller programming. Committed to delivering excellence in both individual and team-based projects. Seeking opportunities to apply my knowledge and skills to make a meaningful impact in the field of electronics and automation.

Education

B-Tech in Electronics and Communication Engineering

Nirma University, Ahmedabad, Gujarat, 382481

September 2021 - June 2025

CGPA: 7.87

Higher Secondary

Narayan Vidhyalay, Vadodara

March 2019 - March 2021

Secured 84%

Technical Skills

Programming

Python (Intermediate)

C++ (Intermediate)

SQL (Basics)

Assembly Language

Technical Expertise

Data Visualization

Image Processing

Linux (Basic) and Shell Scripting
8086 and 8051 Microcontroller

Projects

Comparing Google and Amazon Historical Data(using python)

New User Adding Program in Linux using Shell Script

Student Mark Tracker(using python)

Ringtone Player using 8051 Microcontroller(using assembly)

Achievements

Selected as a semifinalist in the Indian Automation Challenge 2023.

Experience

Nirma Funded - Multibot Coordinate System Project

March 2023 - August 2023

I worked with the image processing team to develop a program that fetches real-time data from robots and sends it to an ESP32 microcontroller.

Links

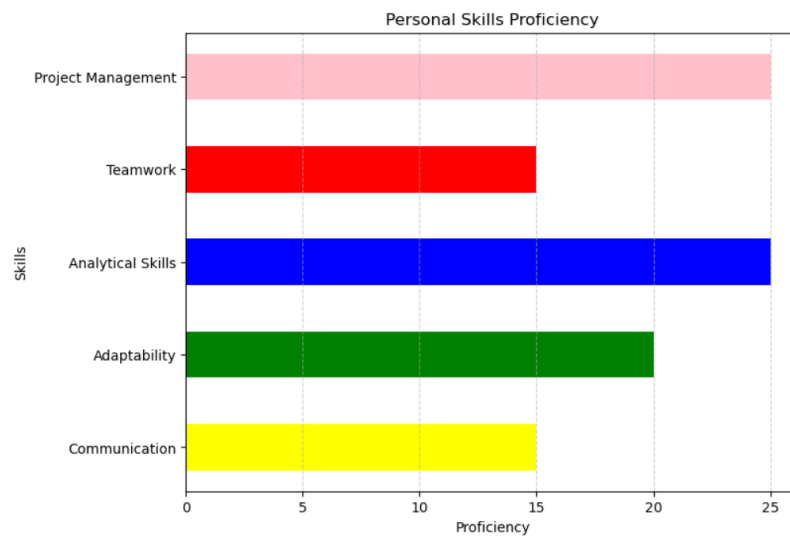
Project GitHub Link

Codeforces Profile

Tools and Software

VSCode, Linux (Basic), GitHub, Keil

Personal Skills



Certificate

GitHub Repository: <https://github.com/shethneel2023/certificate.git>