

Siddarth Vinnakota

Student



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github.com/smartosid

SKILLS

Python

Embedded C

C Programming

Java

Xamarian

CAD Design

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

Telugu

Native or Bilingual Proficiency

Marathi

Professional Working Proficiency

EDUCATION

Bachelor Of Technology

SRM Institute of Technology

09/2022 - Present

Courses

▫ Electronics and communication Engineering

WORK EXPERIENCE

Intern

Wrapcart Graphic design

08/2020 - 12/2021

Mumbai, India

ORGANIZATIONS

Seceratry and Event Manager in Youth United council of India (10/2022 - 05/2023)

Core Committee Member in Optica US (01/2023 - Present)

Technical Domain lead

IEEE Research and Development (R&D) Member (02/2023 - Present)

Technical Member

Research Assistant INSERB India (02/2023 - Present)

TECHNICAL SKILLS

ANDROID APPLICATION DEVELOPMENT

▫ Familiar working with ANDROID STUDIO AND VISUAL STUDIO.

EMBEDDED SYSTEMS

▫ Familiar with EMBEDDED C |

DEVELOPERS BOARD

▫ RASBERRY PI | NODE MCU | ESP MODULES | ARDUINO UNO | NVIDIA

COMPUTER-AIDED DESIGNING

▫ CANVA | FUSION 360 | TINKERCAD | AUTOCAD | KI CAD (PCB DESIGNING)

Internet of Things (IoT)

▫ HANDS ON ESP32 | ZIGBEE

Electronic Devices

▫ Sensors | I2C Devices | Communication Modules

Robotics and Automation

▫ Design own Actuators | CAD Design | ML | AI | Assembling | 3D Design Printing

PERSONAL PROJECTS

*SMART TRAFFIC SYSTEM -IMAGE RECOGNISATION PRINCIPLE

* MINI INTERACTIVE ROBOT - ARDUINO AND I2C DEVICES

*ALL IN ONE BOT- LINE ,BLUETOOTH ,HUMAN FOLLOWING ,CONTROLLED ROBOT

*BLIND BRAILLE TO SPEECH - RASBERRY PI PROJECT (PATETNT)

*BASED ON IOT - SMART ON /OFF WITH PHONE ,SERIAL MONITORING

* [REALTIME child braille machine \(patented\)](#)

*[developed firmware for IoT](#)