



# Swapnil Patil

Undergraduate

Looking for a career as a system engineer where I can apply my wealth of knowledge to serve the organization's IT needs. also, in ensuring the efficient and secure operation of the business system. exceptionally strong interpersonal, teamwork, and communication skills. In order to launch my professional career, I'm looking for an entry-level position with a respectable company.



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Jalgaon, India



23 August, 2002

## SKILLS AND STRENGTH

VLSI

RTL Design

PCB Design

Digital Electronics

Digital Design

Embedded System

C/C++

Proteus

Operating System

Xilinx IDE

Arduino IDE , Multisim

## LANGUAGES

English

Professional Working Proficiency

Marathi

Full Professional Proficiency

Hindi

Full Professional Proficiency

## INTERESTS

IC Fabrication

Problem Solving

Semiconductors Theory

Coding

## EDUCATION

**10th**

Raosaheb Rupchand Vidyalaya ,Jalgaon

04/2017 - 05/2018,

73.80%

**Diploma in Electronics and Telecommunication**

Government Polytechnic ,Nashik

07/2018 - 05/2021,

93.69%

**B Tech in Electronics and Telecommunication**

Vishwakarma institute of Technology, Pune

12/2021 - Present,

8.10 CGPA (Latest Semester)

## PERSONAL PROJECTS

**Digital Comparator With Multiple Inputs (01/2022 – 06/2022)**

- We have implemented 3 different Algorithms .
- Done by using Xilinx IDE.

**IOT-Based Smart Landslide Detection System (S-LDS)**

- Paper Published In ESCI-Scopus Indexed IEEE Conference,122
- In this Project detect vibration and Moisture of the Soil

**Motion Sensor With Voice Alarm Using Arduino.**

- PIR sensor is the main and central component of our project.
- Done for security purpose.

**Arduino Based Heart Beat Monitoring System**

- In this Project Measure Heart rate using LM358.

**Operating System - File Management System using Bash Scrip (08/2022 – 012/2022)**

- In this project we perform operation on the File like Sorting of file, detailing of particular File etc.

**Remote Control Slide Changer using LPC2148 (01/2023 - 06/2023)**

- Implemented using RF technology to change the slides of presentation even for long range.

## CERTIFICATES

- Certificate of Paper Presentation.
- Certificate of Participating in Sport.
- Participation in MTSE Competitive exam.
- Certificate in Technical Quiz Competition.