


VARAD SHINDE


DEVELOPER AND DESIGNER

ABOUT ME

A developer and designer with relevant project experience through projects and internships. Have a good interest in the stock market and trading and also like to have healthy debates on philosophical ideas.

 9969984211

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 <https://github.com/Admsher>

EDUCATION

BE Electronics and Instrumentation

2021-2025

BITS Pilani K.K Birla Goa Campus

SKILLS

- Django
- Figma
- Web Scraping-Selenium
- Openpyxl,Pandas,Numpy
- HTML,CSS
- JavaScript-Apps Script
- Arduino
- ROS
- EasyEDA

ACHIEVEMENTS

International Rover Challenge 2023- Excellence Award (4th position Globally)

Presidency University Bangalore

Navi Mumbai Science Quiz- City Wide Winners

ITM Kharghar
2018

IMC Prosperity -2024

Ranked 535 in overall trading and 62 in manual trading globally out of 10,140 teams participating.

LANGUAGES

English

Hindi

Marathi

VOLUNTEERING

- E-KYC Validator at Pi Network

DEPARTMENTS AND CLUBS

- Department of Publicity and Public Relations- Quark Technical Fest Core Team
- BITS-MUN- Content Designing Team
- SEDS Celestia - Projects and Podcast team
- Project Kratos-Arm division crew

WORK EXPERIENCE

Lenest Hospital

Software Developer

Malad West -Mumbai
2023

Developed various software with the aim of digitization and digitalization of the organization.

The projects completed and deployed are:

- Invoice Generator for digitizing records of bills
- Patient chart generator which generated the weekly routine of patients according to their requirements and ailments.
- Auto Emailing Service which sends emails to remind them about their scheduled tests and gives them weekly updates on their routine.
- Chatbot for providing links of relevant videos made by the organisation according to the query of the patients

IIT Roorkee

PCB Designer

Remote
November 2023-Jan 2024

Designed a PCB with ESP 32 WROOM 2 Microcontroller with an FPC Connector for an e-paper display.

NIT Nagpur

PCB Designer

Remote
February 2024-Present

Developed a PCB with ESP 32 S3 with heart rate sensors and LCD display for a wearable device

Khageshvara Aviation Technology

PCB Designer

Developed a BMS system for a VTOL aviation vehicle designed to carry 150 kg of payload.

PROJECTS

Course Loader

Software Developer

BITS Pilani K.K Birla Goa Campus

Developed a web application for the Academic division of BITS providing a platform for the Head Of Departments to fill in details of courses to be offered in the upcoming semester in a systematic manner.

City Analysis using satellite images

Data Analysis and developer

BITS Pilani K.K Birla Goa Campus

Developed a program that computes the vegetation index of a locality using land satellite images captured by USGS Landsat 9 and Landsat 8.

Robotic Arm-Project Kratos

ROS and Arduino

BITS Pilani K.K Birla Goa Campus

Using rospy and ros serial Arduino developed an inverse kinematics algorithm and PID controller for a cycloidal arm with 3 degrees of freedom.

Course Scheduler

Python and Excel

BITS Pilani K.K Birla Goa Campus

Developed an algorithm which allots classes and timings dynamically for courses which is a suitable fit for all the departments and their students to enroll into without any clashes and overlapping difficulties.

POSITION OF RESPONSIBILITIES

Head Boy

Sanjivani International School

Undertook the responsibility of taking appropriate action amongst the student committee and executing the power vested for the welfare of students with guidance and permissions of the principal.

Sports Captain

Sanjivani International School

Managed the registration of students for the Annual Sports Day with the help of the 4 house captains and coordinated with their house coordinators and the sports coach of the school.