

Vaylon Parnell Fernandes

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Work Experience

12/2021 – present

Trainee Engineer

Digisol Systems Limited, Verna, Goa

- Worked on creating a new Salesforce app in the org
- Created reports and dashboards in Salesforce for the team.
- Created bulk records from CSV files using Salesforce Data Loader
- Created records for the team using Amazon Data.
- Updated existing and added new product listings on the official site.
- Provided call and mail support to customers of OneOdio and EKSA headset companies.
- Co-ordinated with the RMA team to arrange for the replacement of faulty products.

01/2019 – 01/2019

Training in Embedded Systems And IoT

Eduvance

- Learnt about interfacing various modules and sensors with Arduino.
- Created a mini project where one Arduino sent sensor data to another using a NRF module. The second arduino then uploaded this data to the cloud using the Thingspeak API

Academic Projects

Pollution Level Monitor, Collection and Prediction System

- Implemented various ML models and tested them using dummy data along with my team.
- Due to the COVID-19 restrictions, we were unable to complete the IoT section of our project, and validate our models with real-time data.

Running Lights using IC555

- Designed a PCB layout using OSCAD
- Fabricated a blank PCB and soldered components to the PCB

Personal Projects

Flask Weather App [🔗](#)

A simple weather app built using Flask and Bootstrap

Flask To Do List App [🔗](#)

A To-Do List app built using Flask and Bootstrap

Random Wiki [🔗](#)

A simple Flask app that displays the title and intro of a random Wikipedia article with a link to the full article.

Skills

Python Programming	● ● ● ● ●	HTML	● ● ● ● ●
CSS	● ● ● ● ●	Javascript	● ● ● ● ●
Bootstrap	● ● ● ● ●	Arduino Programming	● ● ● ● ●

Certificates

- Hackerrank Python Basic Certificate
- Participation Certificate : Kshitij 2016, Don Bosco Project Expo.
- Participation Certificate : Kshitij 2017, Don Bosco Project Expo.
- Participation Certificate : B.S.S (Bose-Shannon-Shockley) Technical Paper presentation

Courses

The Complete Python Bootcamp - Go from zero to hero in python.

Udemy

Build your First Website in one week with HTML and CSS3

Udemy

Achievements

Hackerrank Python Gold Level Badge

Hackerrank

Hackerrank Problem Solving Bronze Level Badge

Hackerrank

Publications

Co-author: IEEE conference paper on Air Pollution Prediction using Machine Learning

IEEE

Education

2016 – 2020

Electronics & Telecommunications Engineering

Don Bosco College of Engineering, Fatorda