Vaylon Parnell Fernandes

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Work Experience

12/2021 – present

Trainee Engineer
Digisol Systems Limited, Verna, Goa
- Worked on creating 3 new Salesforce apps 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.
- Created Salesforce accounts for support agents.
- 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 da to another using a NRF module. The second arduino then uploaded this data to the cloud using the Thingspeak API

Skills

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

Academic Projects

Pollution Level Monitor, Collection and Prediction System
- Implemented various machine learning models to find the best-suited model to predict air pollution-related 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.

Certificates

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

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

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

Education

2016 – 2020   **Electronics & Telecommunications Engineering**
Don Bosco College of Engineering, Fatorda