Vaylon Parnell Fernandes

✉ vaylonfernandes@gmail.com

📞 +919011453087

🖱 vaylonfernandes.codes

in Vaylon Fernandes ⬡ Vaylon Fernandes

Ⓗ @vaylonfernandes

📍 403601 Margao,Goa, India

📅 23-09-1998

💼 Work Experience

Trainee Engineer, *Digisol Systems Limited, Verna, Goa*
12-2021 – present

Training in Embedded Systems And IoT, *Eduvance*
01-2019 – 01-2019

🗂 Academic Projects

Pollution Level Monitor, Collection and Prediction System
This was a final year project in which my team wanted to build a pollution and monitoring and prediction system using machine learning and IoT. We implemented various ML models and tested them using dummy data. Due to the COVID-19 restrictions, we were unable to do the IoT part, and validate our models with real-time data.

Running Lights using IC555
For this project, we had to design a PCB using OSCAD and fabricate and solder the components onto a blank 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.

📰 Publications

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

🎖 Awards

Hackerrank Python Gold Level Badge, *Hackerrank*

Hackerrank Problem Solving Bronze Level Badge, *Hackerrank*

📜 Certificates

- Hacckerank 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

🧠 Skills

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

📑 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*

🎓 Education

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