

# Vaylon Parnell Fernandes

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## Work Experience

12/2021 – 03/2023

### Level 2 Engineer

*Digisol Systems Limited, Verna, Goa*

- Performed Salesforce admin and development duties including creating new user accounts, reports, dashboards, bulk records creation, updating and deleting among others.
- Worked on creating 3 new Salesforce apps in the org
- Created records for the Installation team using Amazon Data Vault data and shared details of records created and installations done with the Amazon Team on regular basis
- Created Knowlarity SuperReception IVR accounts for new agents
- Created new 360 SMS convo templates for the team
- Co-ordinated with Knowlarity support to resolve any issues with SuperReceptionist
- Co-ordinated with 360 Support to Resolve any issues with 360 SMS convo
- Created and updated listings of products on the Cambium Retail official website
- Trained new employees on Salesforce development, Data Vault and other tasks
- Part of a team managing Audio Array private label for Cambium Retail
- Checked product page hygiene of 35+ Audio Array products and raised a case with Amazon for discrepancies
- Created weekly reports to analyse sales and brand progress
- Co-ordinated with the Operations team to inward stock from the warehouse to Amazon IXD's
- Co-ordinated with the graphic design team to update listing images and A+ content images
- Created and updated listings on Amazon
- Created Google Ads
- Resolved sync issues between listings on the official site and Google Ads
- Provided support to customers of OneOdio and EKSA headset companies.
- Co-ordinated with ESKA and OneOdio manufacturers to provide resolution to customers with having devices with replacement units of stock
- Provided support to Vaccum Cleaners customers of Cambium Retail
- Promoted to Level 2 Engineer after 1 year of service.

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

## Skills

Salesforce	● ● ● ● ●	Python Programming	● ● ● ● ●
HTML	● ● ● ● ●	CSS	● ● ● ● ●
Javascript	● ● ● ● ●	Java	● ● ● ● ●
SQL	● ● ● ● ●	Mongo DB	

## Education

03/2023 – present	<b>Post Graduate Diploma in Advanced Computing (PG-DAC)</b> <i>Institute for Advanced Computing and Software Development</i>
2016 – 2020	<b>Electronics &amp; Telecommunications Engineering</b> <i>Don Bosco College of Engineering, Fatorda</i> Percentage: 51%
2014 – 2016	<b>HSSC Goa Board (Science)</b> <i>Rosary Higher Secondary High school</i> Percentage: 60%
2014	<b>SSC Goa Board</b> <i>Loyola High School, Margao</i> Percentage: 73.5%

## 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

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

## Publications

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

## Achievements

**Hackerrank Python Gold Level Badge**  
*Hackerrank*

**Hackerrank Problem Solving Bronze Level Badge**  
*Hackerrank*

## 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*