Jayesh Singh

304,Sai Sawali Apt, Manvelpada Rd, Virar(E), 401305, Mumbai
+91 9767407450
jayeshsingh9767@gmail.com

Full time Software Developer | Enthusiast to Solve Some Real Life Problems | Machine Learning Aspirent

Website**: https://jayeshsingh9767.github.io/**
Linkedin: https://www.linkedin.com/in/jayeshsingh9767/

EXPERIENCE

FPL Technologies Pvt. Ltd, Mumbai—Software Engineer- Chat Bot.

June 2023- PRESENT

Working on One Card and One Score Chatbots using Haptik and FreshDesk as an Integration Platform. We are using Python as a Programming Language. For Frontend Enhancement JS and React Framework is Used.

Jio Haptik Pvt. Ltd, Mumbai—Software Engineer L1 - Chat Bot.

Feb 2022- June 2023

Worked on Implementation of Conversation AI Bots on different platforms like Whatsapp, Android, Web etc. Also responsible for connecting Bot flow with Client API for improved User Experience.

Decimal Point Analytics Pvt. Ltd, Mumbai—Associate Python Developer

Dec 2020- Feb 2022

Working on US stock market data scraping, cleaning, Processing and Populating as Per Clients requirement.

PT-Terado Engineering Pvt. Ltd, Mumbai—Senior Software Developer

April 2019 - Dec 2020

Responsible for all Product based Software development activities, the major product was to build an online Pollutant monitoring Product **Ecolyser.**

PROJECTS

Bot Development —Developing Bots on Haptik's Mogambo.

Developed Multiple Bot for Clients like Club Mahindra, OneCard, Lodha, etc for Integrating Clients Backend APIs within Bot flow. Used Python Microservices for Client API integration.

SKILLS

Software Development

Software Architecture Design

Technical Troubleshooting

Communication Skills and TeamWork

Prototyping Softwares

TECHNOLOGIES

Web Development

Android Development

REST Api Development

Firebase and AWS

Data Science and ML

PROGRAMMING TOOLS AND TECHNOLOGIES

Python

Django and Flask Framework

MongoDb and SQL

Android

Kotlin

Pandas and Numpy

IoT : Using MQTT and HTTP

HTML, CSS and Javascript

Linux

Git and Github

Ecolyser Backend —Backend Service *for Online Monitoring System*

It includes django and Flask based API's for collecting Pollutant Data from Ecolyser Devices deployed on site(Industries), It also processes the data, generates reports and alerts, and serves configuration details to Ecolyser Devices. API's are used in ecolyser.com and Ecolyser App.

Ecolyser App—Android App for Monitoring Data

It is a Kotlin based app built for monitoring pollutant data from Ecolyser devices. Click here to download apk from Playstore.

Password Protector App—Android App for Monitoring Data

It is a Kotlin based app built for Storing Passwords on a Personal Android App in Encrypted Format. Click here to download apk from Playstore.

Ecolyser HMI firmware—*HMI display firmware*

It's a kivy(python framework for Native Apps) based app that runs on a Raspberry Pi screen to render pollutant data on site and configure Ecolyser in Offline mode.

Ecolyser Client Firmware(v2.0)—*Data Acquisition Software*

It is responsible for collecting data from analyzers and sending them to Ecolyser Server, Also It stores backup data for 90 days. It uses the MQTT Protocol for communication of remote configuration commands.

QuoteMedia Corporate Data —Backend Process

It includes Bulk of Core Python Scripts as well as Django Management commands for running Backend Processes that collect, Clean, Process, Analyze and Export US Market Data as per Client Requirement. Also, was Responsible for developing REST API's for the final data.

Mount Mary English Schools, Virar — *Secondary School Certificate(SSC)*

June 2014 - March 2016

Percentage : 88% | Grade : A

CERTIFICATIONS

- Software Engineering in Industrial Practice by TCS iON

- Building Modern Python Applications on AWS

- I TEch Certified Software Engineer

- Data Science and ML Bootcamp in Python from Udemy

DECLARATION

I, Mr. Jayesh Rakesh Singh, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

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Jayesh Singh