Joe Paul

CONTACT

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EDUCATION

B. Tech (Computer Science and Engineering)

June 2012 — May 2016

Govt. Model Engineering College

CGPA: 7.64

WORK EXPERIENCE

Fulfil.IO Inc (500 Startups B15)

June 2016 — Present

Full Stack Developer

As a full stack developer, I contribute across the stack and is now heading the shipping division. I also lead the effort on the implementation of generic shipping API, E-commerce portals. I have also worked on a QT based application for universal printing and weighing scale solutions for our product. I also contribute to the core product regularly which is based on Tryton ERP framework.

INTERESTS

Web and Mobile Application, Data Analytics, Database, Music

PROJECTS

- **Wholesale E-commerce Portal**

A multi-tenant e-commerce shop aimed for wholesalers who have different pricing than retailers. The application directly interacts with Fulfil Python API to fetch data from customer instances and caches it using Redis.

Technology: Python, Flask, Redis, React JS, Google Datastore.

- **Qt Sync Application**

Written in PyQt, it helps in configuring the printer and weighing scale for a workstation. This application listens to messages on a channel and performs the actions depending upon the type of message. For example, if the message request to fetch weight from weighing scale that is preconfigured on this workstation, it fetches and weight through hid API and publishes back this message to the requester.

Technology: Python, Pubnub SDK, PyInstaller

- **Devicehub Microservice**

A pub-sub micro service to communicate with the Qt client application and web application. This application runs a socket server and listens and authenticates messages from other applications, processes, and delegates to other applications.

Technology: Python, WebSockets, Redis PubSub, DynamoDB

- **Generic Shipping API**

Shipping carriers like DHL, FedEx, UPS, have APIs to interact which is not intuitive and clearly varies with each carrier. With generic shipping API implementation, the developer can request for rates, generate labels, manifest, cancel, track shipments with a single API for whatever carrier they need.

Technology: Python

- **Online Judge**

Online Judge is an online compiler for C, C++, Java, Python developed on Django framework. The code submitted by the user is compiled and run in a sandboxed environment to prevent malicious code execution. test cases are given as input to standard input and output is generated by the program is compared with the solution set.

Technology: Python, Django

- **Cleansms**

Cleansms is an Android application which uses a Bayesian filter in sorting SMS(s) based on the content and categorizes them into primary and promotions.

Technology: Android

POSITIONS OF RESPONSIBILITY

- Appointed as the lead of shipping product at Fulfil.IO Inc within 6 months.
- Conducted workshops on Android Development in M.A College, Kothamagalam, as a part of Google Developer Group, Cochin, and in Model Engineering College, as a part of MEC Association of Computer Students (MACS).
- Core member of Excel 2015(Annual technical symposium of Model Engineering College) Computer Science team.
- Co-Founder of the start-up 'F5' under the initiative of Government of Kerala and Startup Village.

REFERENCES

- Sharoon Thomas, CEO, Fulfil.IO Inc, Email Id: sharoon.thomas@fulfil.io, LinkedIn: www.linkedin.com/in/sharoonthomas
- Manilal DI, HOD, Department of Computer Science and Engineering, Govt. Model Engineering College. Email Id: hodcs@mec.ac.in