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Tojo Cherian

Software Engineer

CAREER SUMMARY:

- Full Stack Python Developer
- 4 Years
- Django & Flask
- Scripting Deamons & Services
- Web Applications
- [Linkedin Profile](#)

KEY SKILLS:

- *Languages:* Python, JavaScript, Java, C
- *Frameworks:* Django, Flask, AngularJS, JQuery, Ajax
- *Payment Gateway:* Paypal, Amazon
- *Deployment :* AWS, Webfaction
- *Testing:* Selenium Automated Testsuites
- *Versioning systems:* GIT
- *Location:* GeoDjango, GeolP
- *Social Media:* social authentication, Social API's
- *Design skills:* HTML, CSS
- *Database:* SQLite, MySQL, Postgresql
- *Mail Servers:* Sendgrid
- *Scripting:* Python daemons & services
- *Scraping:* scrapy
- *CMS:* Wordpress

PERSONAL PROFILE:

- Marital Status: Single
- DOB: 15-11-1989
- Gender: Male
- Nationality: Indian

EDUCATION:

- B.Tech in Computer Science & Engineering

RELEVANT EXPERIENCE

Software Engineering Professional with around 4 years of experience in full stack web development using Python, Django and Flask. Focused on all the phases of web application development including Requirement Analysis, Implementation plan, DB design, coding, testing and deployment. Good exposure to JQuery, Ajax, AngularJS, HTML & CSS. I have been working as a team player using git for versioning. Solid understanding of Deployment using Apache, Nginx & Unicorn in AWS, Webfaction & Heroku. Experience in raw SQL and dynamic queries in MySQL, Postgres and SQLite. Hands on experience in Django REST framework, Django Celery, scrapy, Social API's, Payment Gateways including PayPal & Amazon.

SKILLS INVENTORY

Analysis/Design:

- In-depth knowledge and practical experience of building web applications from scratch till production
- Served as a critical resource and liaised between subject matter experts and fellow developers throughout the project life cycle.
- Key player in building implementation plans for new projects and add on features
- Implemented added security to Patient Ally records, restricted storing files on disk, Files in patient ally is transferred as Base64 encoded data.
- Implemented API structure to communicate between Patient Ally platform and Office Ally
- Full scale, Automated selenium test suites for every feature we build
- Implemented task scheduling using celery and received appreciation from client for fast delivery
- Mailshop project had many frontend challenge as we had to create a fullscale customisable greeting card using the JS frameworks
- AskThis project was done in AngularJS which I learned on my own
- Freestaffer project had complex algorithms which had a key role in working of the website
- My goal in life is to build applications in scale, with millions of users, so that we can challenge ourselves in making the application better
- Technology enthusiast currently spending leisure time in building Android Apps
- Implemented location based search results using geo-django

CHRONOLOGICAL SUMMARY OF EXPERIENCE

Software Engineer

CCS Technologies, Infopark, Cochin

June 2015-Till Date

Patient-Ally (Video)

Health Care management system that enables you to manage your medical records and communicate with your healthcare Doctors. The Frontend is done using Django and JQuery which basically does the template rendering and data processing and the Backend is done using Flask which deals with the Database querying and updations. The communication is done using API calls which use auth-tokens for authentication. There were many Api calls which had to be made as most of the data is to be passed to [Office Ally](#) (sibling project). As a patient, going through the process of seeing a doctor can be quite cumbersome. In large hospitals, although your results may have already come out, sometimes you have to wait for processing and mailing time. Waiting and repeating the same tasks simply should not be part of something that's directly related to your health. Patient Ally offers a solution to this by saving your records online. Your doctors can access the latest information from your record, and even keep in touch using Patient Ally's communication system.

- Request, reschedule and cancel appointments with your provider online.
- Fill out all the forms you need once, and never fill them out again.
- Communicate with your provider(s) through Patient Channel using Patient Ally's internal Inbox.
- Upload all medical documents once, and use the inbox to send the documents to your providers.
- View the latest lab results from your provider from your PC, anytime and anywhere.
- View the latest vitals in charts from your doctor visits, or enter and keep track of your own vitals. A Health opinion system will give you recommendations based on your vital history.

Software Engineer

Techversant Infotech, Technopark, Trivandrum

June 2014-June 2015

Ask-This

A web platform where users can register, ask questions, provide opinions and suggestions and can rate and reviews the content on the portal. We used REST api to make it a mobile friendly application. All the request and response was made in JSON using the Django REST Framework. AngularJS was used to do the frontend part of the project

Mailshop

Mailshop is an online ecommerce web portal where you can customize greeting cards and buy the customized version of the available templates. The project includes dynamic image cropping and shuffling pictures across the webpages which was done using JQuery. Admin can create templates by providing image boxes and text columns in which the user can upload images and include text content

Software Engineer

Vanilla Networks, Infopark, Cochin

June 2013-May 2014

Vodafone Centralised DMS

Vodafone India, one of the biggest telecom operators in India, entrusted us with an enormous task of reducing the current 24-hour delay in processing of new applications to couple of minutes, and then roll it out across hundreds of service outlets. We successfully pulled it off in under a month. The project consists of a client web application which uploads scanned documents to a central server where the admin can monitor and access these files. It generates reports with details such as daily image count, purging reports

Votepedia

A social networking web portal which was developed for a US client where users can add friends, a miniature Facebook. The salient features are user authentication, polls, blogs, messages, update status, sharing photos & videos, news feeds, group activities. Votepedia is aimed at collecting petitions against an activity and to find how many of your friends, friends of friends & public, support the petition.

Mobiit

A digital marketing website which requires user authentication, newsletters, campaigns, social media marketing, facebook application development, PayPal payment gateway integration to subscribe on monthly or yearly basis.

Software Engineer

10th Cross, HIG29, Panampilly Nagar Ave

Sep 2012 – June 2013

Freestaffer

Job posting portal developed for a US client where an employee meets an employer or vice-versa. Freestaffer involves dynamic database queries, user authentication, online money payments, posting jobs, suggesting jobs based on location and ip address, reviews, messaging, purchasing employees, blogs, social authentications, advertising jobs, searching jobs based on different criteria.