Sanchit Balchandani

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GitHub | StackExchange | LinkedIn | Website

Objective

Seeking senior-level assignments in software development with an organization of repute.

Executive Summary

- ❖ Currently working as a Lead Software Engineer at EPAM Systems, Hyderabad
- ❖ A result-oriented developer with overall **10+ Years of exp (Python - 7+ years)**
- ❖ Well versed with **OOP concepts, Backend Development, REST & SOLID Principles**
- ❖ 4+ years of development experience in Web frameworks like **Django, Flask** and DRF
- ❖ Good understanding of **Data Structures and Algorithms & Database concepts**
- ❖ Very good experience with **SRE** and handling **highly available applications**
- ❖ Good exposure with DevOps tools/cloud – **Docker, Jenkins,** AWS, Kubernetes(basics)
- ❖ Have sound knowledge and understanding of **Blockchain protocols**
- ❖ Familiar with Ethereum tools like Solidity, BlockApps, Geth, Truffle, IPFS etc
- ❖ Co-organizer of Hyderabad Python User Group & DSUG Hyderabad
- ❖ Co-organizer of PyCon India 2018, PyConf Hyderabad 2017
- ❖ Co-chair & the organizer of PyConf Hyderabad 2019 & 2020

Career Snapshot

- ❖ **EPAM Systems – Lead Software Engineer (Nov 2019 – Till Date)**
- ❖ **JP Morgan & Chase – Associate(AVP) (Jan 2019 – Nov 2019)**
- ❖ **Pramati Technologies – Principal Engineer (Aug 2015 – Jan 2019)**
- ❖ **Google India Pvt. Ltd. - Associate Lead (Sep 2010 – Aug 2015)**

  [On payrolls of Kelly Services (Sept 2010 - Aug 2012) and Binary Semantics (Aug 2012 – Aug 2015)]

IT Forte

Programming Languages: Python 2.7, Python 3.x, JavaScript, Solidity
Framework: Django, Django Rest, Flask, Scrapy
Blockchain (Dapps): Ethereum, Geth, Truffle, Solidity, BlockApps(Strato), Web3, IPFS
Database: MySql, PostgreSQL, MongoDB, Redis, Oracle
Web Technology : NodeJs, JavaScript, Bootstrap, HTML, CSS
Version Control: Git, Bitbucket, Gitlab, Bazar
Bug Tracking Tools: JIRA, Taiga, Buganizer, Trello
Monitoring Tools: Datadog, Monitis, AppDynamics
Cloud & DevOps Tools: AWS, Docker, Jenkins, Kubernetes(Basics)
Operating System: Windows, LINUX/Ubuntu, Mac

Projects @JP Morgan

Decom Automation Tool

Team: 13 members Technologies used - Python, Django, Flask, DRF, Rest API, Redis Client:
Internal Role: Tech Lead/SRE

DAT is a tool developed to decommission legacy software, applications, NAS, SAN, Databases, Load Balancers and other Software/Hardware components which are either deprecated or set to be disposed of/retired. This application is supposed to decommission approx 10k+ application developed within JPMC since its inception. The current process is very time taking and takes months to decom the assets/inventories end to end but DAT does that in almost no time(2 Week) which includes multiple levels of approvals and validation checks for dependent apps.

Projects @Pramati

[CodeXpose](#) (OpenSource project)
Team: 4 members Technologies used- Python, Django, DRF, Rest API, ReactJs, Docker Client: OpenSource Role: Principal Engineer, Lead

CodeXpose is an open-source one-stop solution for conducting technical interviews and hiring engineers from developer communities. I'm mentoring this project in terms of Backend development and taking care of reviewing all Pull Requests along with Deployment and Docker related stuff.

SteepRock
Team: 6 members Technologies used- Python, Django, DRF, Rest API Client: Confidential Role: Principal Engineer, Lead

This project was for one of the top health care provider companies of the US and we were responsible for adding new modules and functionalities to the existing product which already had approx 160 modules.

BlockApps - VITU
Team: 2 members Technologies used- Blockchain, Strato, NodeJs, Solidity Client: Internal Role: Solidity/Backend Developer, Lead

This project is for Pramati's client called – BlockApps which had another US govt based client. This US agency is trying to build a blockchain system for vehicle registration on Blockchain and we helped BlockApps dis this POC. My role was to design the Smart Contracts and middleware APIs using BlockApps package called – BlockApps rest.

LMS (Blockchain POC)
Team: 10 members Technologies used- Blockchain, Ethereum, Truffle, Solidity, Web3 Client: Internal Role: Solidity Developer

This was internal POC done on Ethereum Blockchain. Since the technology was new in the market so we decided to try it out on any basic use case. We learnt things on the fly and developed this Blockchain POC which was about developing a community library. My job was to write Smart Contracts of the Dapp and middleware APIs as well.

OpsSimple Openstack Deployment Tool
Team: 8 members Technologies used- Python, Django, DRF, Rest API, AWS, boto Client: Ericsson Role: Python Backend Developer

This project was built to deploy Openstack on Ericsson client's infrastructure cloud using multi

nodes. OpsSimple role in deployment was minimal but it was very important. All automation stuff for deployment was handled by Ansible but data inputs at a certain level to Ansible scripts were provided by OpsSimple. So this tool was again a web application hosted at Ericsson internal server which was used by deployment engineers to enter all open stack configurations for all type of nodes and also based on VM configuration. OpsSimple then takes users input and generate some files to serve them to Ansible scripts which keep on generating some files during the time of deployment and take a new file as input from OpsSimple which helps in the deployment of multi-node Openstack.

Qualifications
B.Tech in Computer Science from "Uttar Pradesh Technical University" - 2010

Technical Talks
  - ❖ Static Typing in Python at PyCon India 2020
  - ❖ Simplified Deployment on Cloud using Docker Desktop at OSCONF Hyd
  - ❖ 3 hours Workshop – Demystifying Docker for Devs at PyCon Indi 2019
  - ❖ Python for DevOps Training at EPAM India
  - ❖ Talk on - Static Typing in Python at VZTechConvene at Verizon India

Volunteering
  - ❖ Co-organizer & Volunteer at Hyderabad Python User Group since 2017
  - ❖ Organizer & Community Lead at DevOps & SRE User Group Hyderabad since 2019
  - ❖ Workgroup lead & Volunteer at PyConf Hyderabad 2017
  - ❖ Workgroup lead & Volunteer at PyCon India 2018
  - ❖ Organizer & Co-chair at PyConf Hyderabad 2019
  - ❖ Workgroup Lead at PyCon India 2020
  - ❖ Volunteer & Speaker at OSCONF Hyd 2020

Languages Known
English, Hindi – Spoken and written