SHREYAS MAVLE

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PERSONAL HIGHLIGHTS

5+ years of experience in Python development, developed scalable backend for enterprise applications using Python frameworks, worked with DevOps technologies, SQL database and AWS services extensively.

SKILLS

- Python
- AWS (Lambda, S3, EC2, API Gateway)
- SQL, No SQL

- Rest APIs
- Flask, Django, FastAPI
- Git VCS, Github Actions

- Kubernetes
- Terraform
- Docker

- Web scraping
- Stackstorm

EXPERIENCE

CBNITS Pvt. Ltd., Remote — *Python Developer / Automation Engineer*

November 2021 - Present

Netskope

- Dove into Kubernetes to implement an open source replacement of Jfrog Artifactory for 100+ datacenters which will save the company about $165,000/yr on annual licensing fees
- Picked up Python concurrency and StackStorm, a workflow automation framework, to improve the runtime of a large scale, periodic job from a week to ~20 hours
- Implemented monitoring for Kubernetes pods using Prometheus and Alertmanager
- Created automated workflows for repository configuration on Nexus, an artifact manager
- Automated legacy VM upgrades using Stackstorm, a workflow automation framework
- Automated integration testing of VM provisioning, deprovisioning workflows using Pytest

Cabot-AI Pvt. Ltd., Remote — *Python Developer*

December 2020 - November 2021

- Handled creating & maintaining REST APIs and backend web development with FastAPI, Flask frameworks and database integration with Sqlalchemy ORM

- Dockerized and deployed application on AWS EC2 servers and Azure VMs with Mysql RDS integration regularly
- Created multiple AWS Lambda & Azure APIs for remote monitoring, authentication, billing & control of application & deployed using API Gateway
- Refactored a monolith application into microservices by decoupling codebase
- Managed code versioning of application with different customization for multiple clients
- Automated several repetitive tasks like code compilation, remote file transfer using shell scripts to expedite application deployment

Larsen & Toubro Infotech (LTI), Pune — *Software Engineer*
August 2018 - November 2020

Citibank

- Worked in creating end to end RESTful web services in Spring framework
- Unit testing services and increasing code coverage of large codebase using Mockito

Freelancing — *Backend Development*

- Created CI CD pipeline for Lambda APIs using Terraform & Github Actions
- Migrated NoSQL database to PostgreSQL in existing application to leverage data types for calculating Euclidean distances
- Rewrote APIs to support new relational database
- Worked on scaling of backend applications using docker containerization.

PERSONAL CERTIFICATIONS

- OCAJP Java SE 8 (1Z0 808) certification

EDUCATION

Bachelors in Engineering, Electronics & Telecommunication — *(PVG's College of Engineering, Pune)*
June 2015 - June 2018