

Punamchand Chavhan

Python Developer
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ABOUT

Skilled Python developer with experience in building tools using the language. Known for writing custom code and complex algorithms. Proficient in completing the job on-hand with accuracy and speed.

EXPERIENCE

Python Developer
Deqode

2021 - Present

- Worked on backend and frontend codebase of several applications from the ground up, using Python and Django/Flask
- Used fundamental concepts of data structures and algorithms for operations on datasets to optimize workflows for various organizations
- Hands-on experience of software development in Python and IDEs: Visual studio, Pycharm, Jupyter Notebook and Atom
- Experienced in web applications development using Django/Python using HTML/CSS for server-side rendered application
- Responsible for gathering requirements, system analysis, design, development, testing and deployment
- Managed datasets using Panda data frames and MySQL
- Wrote Python modules to extract/load asset data from the MySQL source database
- Good experience in developing web applications implementing MVT/MVC architecture using Django, Flask web application frameworks
- Good experience in using Shell scripting for automation
- Designed and developed use-cases, Classes and Object Diagrams using UML Rational Rose for Object Oriented Design techniques
- Strong understanding in data structures, algorithms and operating systems
- Worked with production support teams to ensure smooth transition of software developed

Software Developer
Myclan Services Pvt Ltd

2018 - 2021

- Maintained and monitored frameworks like Django, flask
- Good experience in Unit testing and Automated API testing
- Developed monitoring application which captures the error related data and store it in database
- Used Jenkins tool for continuous integration
- Utilized deep understanding of standard protocols and RESTful architecture
- Worked on statistical and predictive modeling, analysis and manipulation of big data sets

- Wrote scripts for end-to-end data-based operations - from data cleaning, data interpretation, and data visualisation to prediction using mathematical and predictive models and algorithm implementation

PROJECTS

Assets Management Application

- Developed a software for residential management for landlords to identify the leases and other utility expenses as well as collect rent and manage finances to reduce costs and streamline operations
- It provides accounting system, utility billing system, utility expense management, lease renewal workflow, comprehensive reporting
- Built Utility billing feature which is used to split the invoices charges among the tenants for successful cost recovery and monitors consumption, identifies leaks, notifies responsible parties, detects invoice errors and recovers overage charges.
- Tech Stack: Python, Flask, Restful API producer and consumer, Mysql

(Telecom OSS mediation)Fault Analysis and Support Maintenance

- Worked on an IT System for Managing Failures in the Telecom Network
- Fault Management (FM) is a module in OSS in telecom for ongoing fault issues within operator's hybrid physical-virtual networks
- This project handles failures and improves the overall system dependability
- Created APIs according to fault or alarms with the help of modern and advanced technology
- This network fault monitoring tool controls all existing elements of the network and receives, displays and tracks alarms efficiently, allowing users to manage potentially resolve network problems quickly and effectively
- Tech Stack: Python, Django, Django REST Framework (DRF) API dev, MySQL

TECHNOLOGY SKILLS

Languages and Frameworks: Python, Bash, JavaScript, React, HTML, CSS

Python Libraries: Numpy, SciPy, matplotlib, Pandas

Python Frameworks: Flask, Django

SDLC approach: Agile, DevOps

Proficient in: MySQL, SQLite, Django, Flask, MongoDB, PostgreSQL

Other Expertise: Docker, AWS, GCP, Rest API, Git