Sandeep Kokare

SR Backend Developer

6+ Years

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https://github.com/swolfyguy

Profile

As a Python Developer with 6+ years of experience, I am highly skilled in brainstorming and coding features & enhancements. I have a deep understanding of developing end-to-end applications as per client requirements and quality norms.I am passionate about my work and I strive to ensure that every project I work on meets the highest standards of quality. I understand the importance of staying up to date with the latest technologies and trends. With my experience and expertise, I am sure I can help you achieve success.

Skills

Backend Language: Python 3X, Pandas, NumPy
Framework: Flask, FASTAPI , Django
Database: PostgreSQL - Intermediate
Tools & Software: Jenkins, Git - Stack storm, airflow2.3+, logic app

Work Experience

Freelancer   Sept 2021-Present

Python Developer

- Proficient in Socket Programming, with a solid understanding of how to facilitate communication between different systems and processes.
- Strong knowledge of TCP/IP protocol, enabling reliable, ordered, and error-checked delivery of a stream of bytes.
- Skilled in using UDP protocol, ideal for time-sensitive applications that can afford to lose packets.
- Demonstrated expertise in managing HTTP requests, forming the foundation for any data exchange on the Web.
- Capable of implementing WebSocket protocol, providing full-duplex communication channels over a single TCP connection.
- Experienced with AsyncIO for writing single-threaded concurrent code using coroutines and effectively handling I/O-bound tasks
- Workflow Management: Extensive experience in managing, scheduling, and monitoring complex data pipelines using Apache Airflow.
- Version Control: Proficient in using Bitbucket for version control and collaborative development, ensuring smooth deployment and management of codebase.
- Container Orchestration: Skilled in deploying and managing applications using Kubernetes, demonstrating ability to handle containerized applications at scale.
- Cloud-Based Data Analytics: Hands-on experience in working with Azure Data Explorer for big data analytics in the cloud, managing data exploration, and running complex queries.
- Real-Time Data Ingestion: Proficient in using Azure Event Hubs for real-time data ingestion and event streaming at a large scale.

- Policy Updates for Connectivity: Demonstrated the ability to implement and update policies to establish and manage secure connections to Azure Data Explorer.
- End-to-End Data Management: Experience in managing the entire data workflow, from real-time data ingestion using Event Hubs, to data processing with Airflow, to data exploration and analytics with Azure Data Explorer.

Work Experience

SMS Group India   Dec 2020 - Sept 2021

Sr. Python Developer

- Participated in the design and implementation of the application architecture using FastAPI.
- Developed REST APIs with FastAPI and integrated them with the frontend.
- Retrieved machine learning data using WebSocket and connected it to a React.js frontend using FastAPI as middleware.
- Managed machine learning models using a data factory, training them based on customer data.
- Utilized PostgreSQL in conjunction with Alembic and SQLAlchemy for efficient data management and migrations.

Xpanxion   Feb 2020 - Dec 2020

Python Developer

- Developed automation script to integrate Stack Storm to different tools Siems system.Event-Driven Automation: Proficient in using StackStorm for event-driven automation and auto-remediation, enhancing system efficiency and reducing manual intervention.
- Pack Management: Experience in managing and utilizing Packs in StackStorm, enabling reusability and extension of the automation platform.
- Container Orchestration: Skilled in deploying, scaling, and managing containerized applications using Kubernetes, demonstrating an understanding of modern deployment practices. Third-Party Application Integration: Demonstrated experience in integrating third-party applications and enabling operations through these platforms, showcasing versatility and adaptability.
- Policy Management: Experience in implementing and updating policies to establish secure connections to Azure Data Explorer, reflecting a sound understanding of data access control in cloud environments.
- End-to-End System Management: Expertise in handling the complete lifecycle of data and application management, from automation with StackStorm, and container orchestration with Kubernetes, to data management with ADX.
- Proven experience in mentoring juniors and college graduates, providing guidance and promoting professional development.
- Strong ability to translate complex concepts into understandable terms, f effective learning for industry newcomers.

Accenture Jan 2017-Feb 2020
Python Developer

- Developed robust RESTful APIs using Django, enhancing the efficiency of existing functionalities.
- Streamlined HTML, CSS, and JavaScript for web development, and worked on refining existing features.
- Built Django forms and managed SQLite Database models, reinforcing the robustness of the system.
- Gained deep insights into end-to-end business processes and associated technical aspects.
- Developed using agile methodologies and technologies like Spring Core, Spring MVC, and AngularJS.
- Participated in daily Scrum stand-ups, fostering effective communication between offshore and onshore teams.
- Conducted unit and integration testing with UI and Mule, ensuring product quality.
- Collaborated with clients as an API developer in a mixed scrum team, comprising onshore, offshore, and IBM team members.
- Enhanced logging capabilities with logger sl4j, incorporating masking conditions for production data.
- Streamlined the project by replacing MongoDB with a simpler file system for journey log entries.

Education

2012-2016   Bachelor of Computer Engineering
University