Akshay Soni

Senior Software Developer
Pune, India | Contact Number: 8871667107

Summary

Highly motivated Software Engineer with 5+ years of expertise in Python and AWS. Adept at designing and deploying high-performance, scalable software solutions using microservices architectures on AWS. Fostered strong cross-functional collaboration to tackle complex challenges and deliver exceptional value for customers.

Links

akshaysoni460@gmail.com | linkedin.com/imakshaysoni | github.com/imakshaysoni | leetcode.com/iamakshaysoni

Skills

Programming Languages: Python, C++, SQL, NoSQL
Frameworks: FastApi, Boto3, SqlAlchemy, Docker
Distributed Computing: Hadoop, Spark, Databricks, Redis, Kafka
Software Development: Data Structure and Algorithms, System Design
Databases: PostgreSQL, MySQL, MongoDB
Cloud Platform : AWS, Azure Databricks
Project Management: JIRA

Experience

Senior Software Developer　　　　　　　　　　　　　　　　　　　　　　　　Jan 2022 - Present
Opcito Technology　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Pune, India
- Implemented Fast API service with Redis queue (Async task) to provide real-time prediction, process files with Vertex AI to help choose right music with 95% accuracy.
- Orchestrated the development of high-performance RESTful APIs using FastAPI, resulting in 40% faster response times and 25% increase in concurrent user capacity. Seamlessly integrated APIs with AWS API Gateway, enhancing system functionality and interoperability.
- Designed and deployed a scalable serverless Python application on AWS Lambda, utilizing Boto3 for seamless integration with AWS services such as S3 and RDS. Implemented an event-driven architecture using AWS EventBridge, Step Functions, and CloudWatch to automate workflows and ensure thorough monitoring. Utilized Docker containerization for efficient deployment and scalability, ensuring a resilient and flexible cloud solution.
- Designed and Developed a microservices-based application using Python and Flask, delivering efficient REST APIs. Streamlined system integration by implementing message queuing with RabbitMQ and asynchronous tasks with Celery. Leveraged Docker for streamlined deployments, ensuring scalability and agility.

Data Engineer　　　　　　　　　　　　　　　　　　　　　　　　　　　Aug 2021 - Jan 2022
Futurense Technologies　　　　　　　　　　　　　　　　　　　　　　　　　　Bangalore, India
- Leveraged Apache PySpark for efficient big data processing, utilizing distributed computing to analyze and transform large datasets at scale. Enhanced data processing capabilities through PySpark's functionalities, enabling faster and more insightful data-driven decision making.

Software Engineer　　　　　　　　　　　　　　　　　　　　　　　　　　Nov 2018 - Aug 2021
Amdocs SmartOps India　　　　　　　　　　　　　　　　　　　　　　　　　　　Pune, India
- Developed a comprehensive SLA Monitoring Tool using Python and Flask, showcasing back-end development expertise.
- Designed and implemented RESTful APIs for seamless data exchange and user interaction. Built functionalities for User, SLA, and Account Management, streamlining operations and enhancing user experience. Implement web development services to deliver real-time SLA analysis and insightful visualizations, empowering stakeholders with data-driven decision-making.

Education

Lakshmi Narain College of Technology　　　　　　　　　　　　　　　　　　　Bhopal, India
Bachelor of Engineering , Computer Science　　　　　　　　　　　　　　　　　　　2014 - 2018