

# Akshay Soni

Senior Software Developer  
Pune, India | Contact Number: 8871667107

## PROFILE

Software Engineer with 6+ years of expertise in Python and AWS. Designing, developing, and deploying high-performance, scalable software solutions using microservices architecture on AWS. Fostered strong cross-functional collaboration to tackle complex challenges and deliver exceptional value for customers.

## LINKS

[akshaysoni460@gmail.com](mailto:akshaysoni460@gmail.com) | [linkedin.com/in/akshaysoni](https://linkedin.com/in/akshaysoni) | [github.com/imakshaysoni](https://github.com/imakshaysoni) | [leetcode.com/iamakshaysoni](https://leetcode.com/iamakshaysoni)

## SKILLS

**Programming Languages:** Python, SQL, NoSQL  
**Frameworks:** FastApi, Boto3  
**Distributed Computing:** Hadoop, Spark, Databricks, Redis, Kafka  
**Software Development:** Data Structure and Algorithms, System Design  
**Databases:** PostgreSQL, MySQL  
**Cloud Platform :** AWS (Lambda, EC2, S3, Step Function, Event Bridge, SQS)

## EXPERIENCE

- Senior Technology Associate** Aug 2024 - Present  
*Synechron Pune, India*
  - Developed advanced Python scripts with multiprocessing, deployed on AWS Lambda for scalable and efficient financial risk analysis.
  - Contributed to GSM domain-specific functionalities, delivering robust and efficient solutions tailored to project requirements
- Senior Software Developer** Jan 2022 - Aug 2024  
*Opcito Technology Pune, India*
  - Orchestrated the development of high-performance RESTful APIs using FastAPI, resulting in 20% faster response times and 25% increase in concurrent user capacity. Seamlessly integrated APIs with AWS API Gateway, enhancing system functionality and interoperability.
  - Developed 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.
  - Developed a microservices-based application using Python and Flask, enhancing system performance by 20% and reducing API response times by 15% through efficient REST APIs design.
  - Implemented RabbitMQ for message queuing and Celery for asynchronous tasks, streamlining system integration and processing efficiency by 20%.
- Data Engineer** Aug 2021 - Jan 2022  
*Futureense Technologies Bangalore, India*
  - Optimized big data processing efficiency by implementing Apache PySpark for distributed computing, resulting in a 20% reduction in data processing time for large datasets and enabling real-time insights.
  - Implemented Apache PySpark to analyze and transform massive datasets, leading to a 20% increase in data processing speed, facilitating quicker and more informed data-driven decisions.
- Software Engineer** Nov 2018 - Aug 2021  
*Amdocs SmartOps India Pune, India*
  - Developed a cutting-edge SLA Monitoring Tool leveraging Python and Flask, streamlining performance tracking for 10+ Amdocs accounts, reduced service downtime by 25% and improved response time by 15%.
  - Designed and developed web solutions with real-time SLA analysis, insightful visualizations, and RESTful APIs, streamlining user, SLA, and account management while empowering data-driven decision-making.

## EDUCATION

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