ROHIT JAIN

SENIOR SOFTWARE ENGINEER

PROFESSIONAL SUMMARY

Experienced and diligent professional adept in advanced technology, benchmarking, and capacity planning. Seeking to apply my skills and expertise in a Senior Software Engineer role to contribute effectively to your team's success.

EXPERIENCE

Software Engineer
February 2021 - Present | Terrasmart, Columbus

- Developed web app for high performance code to simulate solar environment and performance model to check feasibility of solar site in python
- Led the design and development of a microservices architecture, improving system scalability by 30%
- Implemented caching strategies, reducing API response times by 25% and enhancing overall system performance.
- Created monitoring dashboard in Grafana to view high number request and services and identify anomalies
- Automate business charts and reports to analyze business growth and help team in decision making
- Developed API's in Django Rest framework to perform different for solar performance management.

Cloud Software Engineer
June 2019 - December 2019 | New York Life R&D Lab, New York

- Associated in requirement collection, development and deployment of the applications which helps insurance annuity team to manage, store and process annuity data through, followed Agile methodology
- Optimized database queries and introduced indexing strategies, leading to a 15% reduction in query response times.
- Conceptualized RBAC system through AWS Cognito; Configured AWS CloudWatch for code, system & errors logs
- Auto-scaled EC2 instances using Launch Configuration, Auto Scaling group and executed user data shell script for spinning up Django server
- Built a flask microservice to perform client-side and server-side encryption (AWS KMS) to store files in S3.

CONTACT

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SKILLS

- Python3
- SQL(PostgreSQL, MS-SQL)
- NoSQL(MongoDB, Cassandra)
- Redis, Couchbase (Caching)
- Django, Flask
- React
- Docker, Kubernetes
- Github, Gitlab, Bitbucket
- Kafka, RabbitMQ
- AWS, Azure
- Salesforce
- Salesforce Integration

Software Engineer

July 2016 - July 2018 | Ingram Micro, Mumbai

- Developed 30+ scalable system application in Java and web application in Java, HTML, CSS, Javascript for order processing
- Formalized legacy applications, integrated 13 order processing system into single service, improving CPU utilization by 5%
- Created tool for cross country migration of 40,000 server data files
- Facilitated team to automate and improve mail order reading in Outlook VBScript, Email Exchange Server
- Produced 6 vendor reports daily with at least 2,000 records for analysis through SSIS.

EDUCATION

Master of Science in Information Systems   GPA 3.78

December 2020

Northeastern University, Boston

REFERENCES

References available upon request

CERTIFICATIONS

- Deep Learning Specialization

PROJECTS

Safe Life – Daily Solution - Apr 2020 - Sept 2020
(Flask, React, MongoDB, Kubernetes, Docker, Kafka, Ambassador)
- Developed a mobile application tailored for requesting everyday services and fresh products in a secure manner, strategically addressing business opportunities arising during the COVID era.

Stock Investment Strategy - Sept 2020 - Jan 2020
(Python, React, Perspective)
- Implemented a dynamic system that consistently retrieved and displayed data for favorite stocks along with their ratios using Python and React. Utilizing visualization in Perspective, the system calculated upper and lower bounds, computed a 50-day moving average, and generated alerts for investors, enabling them to formulate effective investment strategies.

ADDITIONAL INFORMATION

Website: https://rohitjain.me