

EXPERIENCE

software Developer

Jun 2021 - Present
Bangalore, Karnataka

Zeomega Infotech Pvt Ltd

Worklist Project Improvement:

- Constructed high availability (HA) clusters with Confluent Kafka and Apache Kafka on RHEL and Ubuntu servers.
- Utilized Snowflakes to enhance CDC data flow via Debezium plugin integration.
- Activated log compaction and partitioning in Kafka, resulting in a 20% performance enhancement.
- Deployed Debezium Plugin Connector for smooth CDC data integration.
- Deployed Snowflakes Plugin Connector for seamless CDC data streaming in Snowflakes Database solves 90% data extraction.
- Automated dynamic update scripting for worklist data, adapting dynamically through CDC changes, and optimized data management via a Kafka topic delete script which produces delta in every 5 sec.
- Enabled SSL and SASL for reinforced security in Kafka for encryption and authentication.
- Improved worklist screen Response time from 7 sec to 20 milliseconds.
- Cached data using hash for better encryption and making the payload more secure.

SMS Project:

- Migrated python2 codebase to python 3, ensuring modernization.
- Developed unit test cases using Pytest, maintaining 85% code coverage.
- Ensured coding standards compliance, encompassing Pyflakes, pep8, and Blackduck validation.

SMS Project (Member Engagement):

- Migrated Py2 codebase to py3, ensuring modernization.
- Developed Flask based API's for member Engagement Project.
- Integrated tiny URL for shorten the URL length.
- Developed unit test cases using py-test, maintaining 85% code coverage.
- Ensured coding standards compliance, encompassing python, flakes, pep8 and Black duck validation

Realtime ETL:

- Worked in replacing old RabbitMQ with Kafka connect to load data.
- Optimizing the old ETL with Kafka making it efficient by 40%.
- Used Apache Flink for transform data using Kafka topics.

Zope Framework:

- Transformed Zope framework monolithic module into Flask Microservices results in 95 % efficiency in application.
- Executed Git for version control and streamlined bug tracking via Jira.
- Implemented Rest APIs using MVC pattern, aligning with SDLC and Agile Methodology.
- Converted DTML-based views to PageTemplate, enriching zope-based Applications

Android Developer

Mar 2021 - May 2021

WeGrow Together

- Independently developed an app from scratch, emphasizing API integration using Android Studio.
- Implemented Firebase for secure mobile authentication and seamless Google Maps integration.
- Successfully integrated Google Pay for smooth transaction processing.
- Utilized Firebase Realtime Database for efficient real-time data handling resulting in 80% efficiency in the application.

SKILLS

- Confluent Kafka, Python, Apache Kafka, MySQL,AWS, Java, Redis, AVRO, KSQL, Flask, Backend Development, DBMS, Linux

EDUCATION

Chandigarh University
MCA

2023

Maulana Abul Kalam Azad University Of Technology
BCA

2020

KEY COURSES / CERTIFICATION

- Apache Kafka Certified
- Full stack Development
- Spring MVC & ADV. Java Programming
- Web Application Testing and DevOps