

Jalaj Sharma

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Experience Summary

- **7+ years** of hands-on development experience in multiple areas of technologies, tools, and frameworks.
- Excellent object-oriented Analysis, Design, and Implementation Technique with emphasis on **Java/J2EE**.
- Passion for designing reliable, high performance, and scalable software platforms.
- Proficient in all aspects of Software Development Life Cycle and Versed in **Agile and Scrum** development
- Excellent vision and ability to make forward looking technology decisions and plans.

Skills

Java, Spring Boot, Hibernate, JPA, Restful Web Services, React, JavaScript, HTML, Bootstrap, CSS, Oracle, MySQL, PostgreSQL, Maven, Gradle, Git, Kafka, Grafana, Dynatrace, Jenkins, Swagger, Splunk, LogA, Kubernetes, AWS EC2, EMR, S3, SQS, API Gateway, Lambda Functions, Azure VM, Azure Monitor, Function App, Docker, Microservices.

Experience:

JP Morgan and Chase

Jan 2022 – Present

- Working on designing and implementing solution for Pre Trade Compliance check, to raise alerts and exception for User in as part of pre trade execution. Where User can override alerts and reject as per requirement and cancel and reject order based on alerts.
- Implemented Pre trade check with sending synchronous and asynchronous response.
- Implementation of Kafka for asynchronous response and worked on web socket connection to display response on UI as response generated.
- Implemented caching solution for Gem Fire to fast access of data.
- Implementation of Dynatrace for better view request and response downtime and generating alerts in case of failure.
- Implementation of Grafana to view change in Data for live market data and audit request and response.
- Worked on Implementation of Spring Batch to load data in database from API call and load the changes.
- Worked on simulating different job asynchronously which will consume by different service as load using spring.
- Implemented changes to refactor code to object oriented standard to improve debugging and memory utilization.
- Implemented changes for database, optimizing read with indexing and worked on store procedure.
- Contributed to internal framework for reducing code for Kafka connection configuration, and producer and consumer.
- Learning UI path for creating Automation bots, and created automated bots for creating orders, navigating through different flow and execute pre-trade compliance and records the performance Metrix.

[Walmart-SLES]

- SLES Migration, there are list of java applications hosted SLES server that worked on identifying from server, design and configure to migrate them into cloud environment.
- Worked on design and implementation of robust, scalable, maintainable, and reusable component for the project.
- Worked on Integrating additional functionality of existing application to enhancing usability as per client requirements.
- Worked on resolving issue faced during migration and putting plan to avoid in future.
- Improving applications response time by resolving performance issue.
- Worked on coordination between offshore and onsite team to meet target faster.

[Walmart-PriceX]

- Maintaining health and development of existing micro services.
- Worked on Monitoring and alert and notifications of different micro services using Grafana, Dynatrace, Splunk and Spotlight with email and slack.
- Working on developing new features as per client requirement and continues performance enhancement of different API.

New Jersey Institute of Technology, NJ, Teaching Assistant (TA)

Aug 2019 - May 2020

- Responsible for a class of 28, teaching JAVA with Data Structure and Algorithms. Aided students in implementing concepts of algorithms via assignments in labs.

Web CraftIT Solutions, India Asst. Software Developer

Aug 2014 – Nov 2018

- Commodity Service platform: Including database design and front-end research of trading platform. Implementing Client requirements. Handling integration of middleware and backend. Designed controllers for databases and user transaction verification.
- Banking & Finance Verification System: As a part a of team which implemented 4 eye verifications with spring, established a three-way authentication (using Biometric) process used for conducting user verification and handling of sensitive internal transactions at a national bank. Each user will be controlled with transaction control protocol with multiple threading.

Projects and Achievements:

- Completed AWS cloud Practitioner certification and preparing to exam for AWS Developer.
- **Winners of Major League Hackathon (MLH):** Official 2020 Season organized by NJIT in association with Facebook, ADP, Prudential, and Barclays. 1st Place Overall and Best use of Google Cloud in Sign language prediction to text and voice.
- Wine quality prediction application, using PySpark, trained model on **EMR cluster (Master slave architecture)**. Uploaded model with docker image, test with different dataset model accuracy and F1 score and able to achieve 67% accuracy.
- **Kaggle Competition Participant (2019):** Data analysis involving pneumonia, Housing Price and Titanic Problem. Ranked within top 10% of submissions.
- **Contact Code:** Collaborating with them as part of Capstone Project on converting their app from free to paid version and including paid version services in exiting free App both in android and IOS.

Education:

- **New Jersey Institute of Technology, Newark, NJ,** MS in Computer science, Jan 2019-May 2020.
- **Rajiv Gandhi Proudhyogiki Vishwavidyalaya, India,** Bachelor of Engineering, Aug-2010-May 2014.