ALFRED SKARIA

Software Engineer

Experience

Software Engineer
Paytm Money Limited

Feb 2021 - Present
Bangalore, India

- Architected an event-driven microservice design for the GTT orders application.
- Played an instrumental role in the development and successful launch of the GTT orders project.
- Invented a custom rate-limiting algorithm using Redis for throttling the load in downstream APIs.
- Engineered the solution for processing 5 lakh + orders per day placed by customers.
- Integrated the Open APIs with Tradetron Application (3rd Party Algo trading Service.)
- Developed a POC for open api gateway project using AWS API Gateway.

Technologies / Tools: Java, Spring Boot, Spring Cloud Gateway, Spring Data JPA, MySQL, AWS SQS, AWS API Gateway, AWS S3, AWS EC2, Kubernetes, Docker, Grafana, Prometheus, Elasticsearch, Kibana, Git.

Software Engineer
Nissan Motor Corporation

Aug 2018 - Feb 2021
Trivandrum, India

- Spearheaded the development of Vehicle Quality Management (VQM) application from scratch to deploying it to the production.
- Architected the Low-level design for vehicle quality management application.
- Improved the efficiency of repairing vehicles in an assembly line by 30% using a prioritization algorithm in the Vin Traceability project.
- Transitioned the self-managed schema DDL files to Liquibase schema changelogs.
- Reviewed source code of peer developers, and recommended review comments as per coding standards.

Technologies / Tools: Java, Spring Boot, Spring Data JPA, PostgreSQL, Liquibase, Tomcat, AWS S3, AWS EC2, Git.

Technical Skills

Languages: Java, C++, SQL, HTML, CSS

Frameworks and Libraries: Spring (Spring Boot, Spring Resful/MVC, Spring Cloud Gateway, Spring Data JPA), Mockito, Liquibase.

Web Technologies and Tools: Docker, Kubernetes, Elasticsearch, Kibana, Prometheus, Grafana, Jenkins, Tomcat, REST, Microservices Architecture,Event Driven Architecture.

Cloud: AWS SQS, AWS API Gateway, AWS S3

DBMS: MySQL, PostgreSQL

Design Patterns / SD Principles: SOLID, Factory Design Pattern, Singleton, Builder.

Version Control: Gitlab, Bitbucket, Github

Personal Info

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Thrissur, Kerala, India

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alfiskaria@gmail.com

Website
alfredskaria.github.io

Github
github.com/AlfredSkaria

LinkedIn
linkedin.com/in/alfred-skaria

Education

Bachelor Of Technology

NSS college of Engineering
Computer Science & Engineering (2014-2018)

- Studied software engineering subjects - DataStructures & Algorithms, DBMS, OS, AI.
- Built Hashtag Recommendation System using LDA Algorithm and Topic modelling as part of final year project

Higher Secondary

St. Thomas College
Computer Science (2012-2014)

- Studied basics of object oriented programming languages, C++ and Java.

Achievements

- Winner of Digital Masala Challenge conducted by Facebook and Youth Ki Awaaz.
- Finalist of Smart India hackathon conducted by Central Government of India.
- "Best Ready to Market" award for ReUse hackathon in Nissan.