Thamizhselvan Anbazhagan

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OBJECTIVE

Looking for a back-end/full-stack engineer role with an opportunity to explore DevOps, Cloud and AI

PROFESSIONAL SUMMARY

Software engineer with an excellent track record of delivering high-quality systems on time. I am skilled in microservices, event-driven architecture, and front-end development, and I have good DevOps knowledge with demonstrable troubleshooting skills.

TECHNICAL SKILLS

[Java/Kotlin, Spring boot, Quarkus, Hibernate, Maven, Gradle, Junit]

- RESTful API design and development using Java, Kotlin, Spring Boot, and Quarkus in a microservices architecture

- Batch applications development using Spring batch and Quarkus batch extensions

- Test-driven development

- Good knowledge of JVM and memory management

- Good Knowledge of reactive programming using Spring Webflux

[SQL (MySQL, MariaDB) and NoSQL (MongoDB and Cassandra)]

- Database schema designing for web applications and RESTful APIs

[Docker, Kubernetes, Jenkins, Git, GNU/Linux, Logging and Monitoring]

- Creating docker files, CI/CD pipelines and Kubernetes configurations

- Logging, tracing and monitoring using ELK stack and Prometheus Grafana

[Kafka, RabbitMQ, Apache pulsar]

- Event-driven application development in a microservices environment

[Javascript, ReactJS, HTML, CSS]

- Client-side UI development using ReactJS

EXPERIENCE

Software Engineer   **April 2023 - April 2024**
Rakuten, Tokyo

- Developed batch application to process millions of data from Cassandra DB and deployed using Kubernetes cron jobs in the cloud environment

- Optimised Cassandra fetch queries(fetching a million records) to upgrade version from 3 to 4, reduced maintenance costs, improved application quality and reduced read time-out errors

Applications Engineer (Contract)   **August 2020 - July 2022**
Rakuten, Tokyo

- Designed and developed product search Gateway API for authorisation and authentication purposes in Spring boot from scratch

- Handled monolith application, took over development responsibility from the offshore team in a short period and started supporting new business requirements

- Migrated monolith application into multiple microservices applications

- Implemented Single sign-on using Okta for internal web application with Apache server front-proxy and Nginx server back-proxy configurations and deployed in the internal cloud using the Jenkins CI/CD pipeline to reduce maintenance costs which increased team productivity

- Migrated legacy internal web applications from Struts, Java 6 to Spring, and Java 8 to reduce maintenance costs which increased team productivity

Software Engineer (Contract)   **April 2019 - July 2020**
FujiSoft, Tokyo

- Requirements analysis after a feasibility study prepared basic design and detailed design for ios mobile application which is used to handle remote reservations for television programmes

- Developed backend APIs for front-end (BFF framework)

- Developed front-end screen functionalities using ReactJS for the Tsutaya online DVD rental website

- Maintenance work in legacy applications that use the Struts framework

Developer   **March 2018 - March 2019**
Boxjic Technologies, Chennai

- Design and develop prototype applications for online stock management using Spring

EDUCATION

Master of Computer Applications   **June/2015**
SSN College of Engineering

Bachelor of Computer Science   **June/2012**
Srinivasan College of Arts and Science

LANGUAGES: English and Tamil