

DIKSHANT JAIN

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Objective

Innovative and compassionate Software Engineer with 5 years' experience as a software developer seeking to advance my skills and expand my knowledge in the domain of computer science and its applications. I have a keen interest in Cloud native applications and software architectures.

Experience

Software Development Engineer, Barq, Remote

June 2023 - Current

- Developed a high-performance notification engine handling 12,000 transactions per minute (TPM), delivering SMS and IVR notifications to end-users using **Node.js** and **BullMQ**.
- Built a Kafka microservice to manage backend S2S events and send data to third-party systems for campaigning and analytics, using **Spring Boot** and **Apache Kafka**.
- As a **founding engineer**, created shared libraries with boilerplate code for Redis, Kafka, and common functionality, adhering to **SOLID** principles for organization-wide use.
- Mentored junior developers in coding best practices and **Test-Driven Development** (TDD), while conducting code reviews to ensure quality and maintainability.
- Collaborated with third-party vendors to analyze product offerings and made strategic business decisions for seamless integration.

Software Development Engineer 1, Blackbuck, Bangalore, India

Aug 2022-March 2023

- Development and handling of backend service responsible for supporting real time Fastag transactions using **Amazon SQS** and **Apache Kafka**.
- Designing and Development of **REST APIs** using **Springboot** framework.
- Monitoring** and **on call support** of backend services using **Dynatrace** and **New Relic**.
- Providing qualitative and quantitative insights like **application memory usage**, **API throughput** and other **JVM parameters** for downsizing or upsizing of resources.

Software Development Engineer 1, Amadeus Labs, Bangalore, India

Aug 2020-June 2022

- Designing and Development of **REST APIs** using **JAX-RS** and deploying on **Amadeus Cloud Services** based on **pay as per usage model**. Some of the APIs:
 - Seat Map Plug N Play API: Seat map layout in **JSON** for major airlines like American Airlines, Etihad, Air France etc.
 - Covid Restriction API: Covid 19 information like active cases, quarantine rule etc.
- Benchmark Testing** of APIs using **Gatling** and **Apache JMeter** to give insights like **TPS** and **response time**.

Education

Vellore Institute of Technology, VIT, Vellore, BTech in Electronics and Communication Engineering with Specialization in IOT and Sensors

June 2020

CGPA: 8.86

Skills

JAVA 8 | Spring | Springboot | Maven | Git | MySQL | Redis | JPA | Typescript | Kafka | Amazon SQS | Junit | DSA | Rest API | Swagger Design | NestJS | System Design | Kafka | Microservice | JAX-RS |

Co-Curricular

Founder, IoThinC Club, VIT, Vellore

Academic Support Volunteer , Make A Difference , NGO

