VIVEK KUMAR

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Objective

Software Engineer with 2+ years of hands-on experience in Java, Spring Boot, Microservices, Kubernetes, and PostgreSQL. Passionate about designing scalable solutions and collaborating with cross-functional teams to drive business success. Committed to continuous learning and improving processes for enhanced productivity.

Experience

Netcracker Technology, Bangalore — **Sep 2022 - Present**
Software Engineer — *Bangalore*

- Designed and developed an interactive, user-friendly web application using **Spring Boot**, **GraphQL**, and **PostgreSQL**, enhancing system efficiency and scalability.
- Contributed and Collaborated the development and deployment of **CSRD (Customer Sales and Representative Dashboard)**, leveraging **Kubernetes** and **Jenkins** for microservice orchestration, optimizing scalability and response times.
- Optimized **GraphQL** queries and mutations for **REST** services in **Spring Boot**, improving data retrieval speed by **25%**.
- Developed RESTful APIs, enhancing system integration and reducing response times by **30%** through efficient API design.
- Recently Contributed to the **Etisalat , Emirates Telecommunications Group** project by developing new features, resolving critical bugs, and optimizing site performance using **Groovy Script** and **Quarkus**, alongside **Spring Boot** and **GraphQL**.
- Refactored legacy code, implemented design patterns, and collaborated with cross-functional teams to enhance system maintainability, performance, and feature development.
- Proficient in **Java**, **Spring Boot**, **PostgreSQL**, **Kafka**, **Kubernetes**, **Docker**, **Keycloak**, **GitLab**, **Groovy Script**, and **Quarkus**.

Education

SJB Institute Of Technology, Bangalore — **Aug 2018 - Aug 2022**
Bachelor Of Engineering in Computer Science — ***First Class with Distinction**, CGPA: 8.5*

Technical Skills

Languages	Java, SQL
Technologies & Tools	Spring, Kafka, Quarkus, Hibernate, FlywayDB, JPA, DSL, JOOQ, REST API, Groovy Script, GraphQL, Kubernetes, Docker, Keycloak, GitLab, CI/CD (Jenkins), Postman
Others	Microservices, Distributed System, Data Structure & Algorithm, Backend, Reactive Architecture, LLD System Design

Projects

Parking Lot Management System:

- Managed multiple parking lots with diverse configurations and tariffs.
- Implemented features for users to find and book parking slots.
- Automated reservation management and revenue reporting.
- Used **Spring Boot** with a **multi-module** setup and **Java 17**.
- Developed REST APIs with **Spring Data JOOQ** and **PostgreSQL**.
- Applied **Flyway** for database migrations and employed DTO Mapper pattern.
- Integrated **Swagger** for API documentation and used **reactive programming**.
- Created comprehensive test cases for controllers, services, and repositories.

Interests

Art and Creativity: Photography, painting (nature and abstract)

Exploration and Adventure: Immersing in diverse cultures, outdoor adventures in rugged mountains, and discovering local cuisines and culinary gems worldwide.