

Deepak Kumar

Software Developer

Passionate Software Engineer with expertise in Java, Spring Boot, Microservices, Rest API, Data Structures, SQL databases. Eager to learn and master new technologies, and able to work effectively in both team and self-directed settings.

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WORK EXPERIENCE

Software Developer

Thinroot Software Pvt Ltd

05/2023 - Present

Bengaluru

Achievements/Tasks

- **Chataak Web App — Solution for Manufacturers and Staff**
- Created an intuitive web application to streamline communication and enhance operational efficiency for manufacturers and staff.
- Designed and implemented subscription, notification, ticket, and product models, enhancing functionality and user experience.
- Created detailed dashboard and analytics for effective order and subscription management.
- Migrated services from Java 8 and to Spring Boot 3.2.0.
- **Chataak Mobile App — Product Scanning and Payment**
- Developed a mobile app for efficient product scanning and payment, adhering to best practices.
- Implemented barcode scanning, cart management, and secure payment features.
- Integrated RESTful web services for seamless backend communication.
- Utilized Java for Android development, following OOP principles and Java 8 features.

Software Developer Intern

Professional Commercials Private Limited (QUICK JOB INDIA)

05/2022 - 06/2022

Achievements/Tasks

- **DailyBooks** : Delivered comprehensive business management APIs, ensuring alignment with user requirements and seamless functionality.
- Introduced Time Tracking Model, Leave Model, and Role-Based Authentication to enhance security and privacy on the platform.
- Reduced codebase size by 15% through efficient refactoring, while maintaining functionality and performance.
- Developed 10+ **RESTful APIs** using Java, Spring Boot, and Spring MVC for efficient HTTP request handling, routing, and error management.

EDUCATION

Bachelor of Engineering

Sri Venkateshwara College Of Engineering

06/2018 - 06/2022

Bengaluru

Courses

- Computer Science

SKILLS

Java

Spring Boot

Spring Security

Microservice

Data Structures

MySQL

Kafka

Rest API

Hibernate

Git

J2EE

PERSONAL PROJECTS

Hotel Rating System

- Created and integrated five **microservices** using **Rest Template**, **API Gateway**, **Config Server** and **Actuator**, resulting in a scalable and fault-tolerant system.
- Carried through dynamic scaling and **load balancing** using **Eureka** and **Feign**.
- Enhanced security with **Okta authentication** to prevent unauthorized access.

Blog API

- Formulated a **RESTful API** with **role-based authentication**, **pagination** and **filtering** and **sorting features**.
- Utilized **Java**, **ORM Mapping** and **Spring Boot framework** to ensure robust security and efficient data retrieval.
- Led the development of backend functionality, including user **authentication** and **role-based authorization**.
- Utilized **pagination** and **filtering mechanisms** to optimize data retrieval and improve performance.

Ticket Booking Application

- Fabricated **APIs** for user registration, **authentication** and ticket management.
- Accomplished two user roles: **User** and **Admin** allowing Admins to modify tickets and users to book and cancel them.
- Crafted a secure **login system** and **ticket viewing** for Admins.

CERTIFICATES

Java (HackerRank and Great Learning)

Spring Framework (Durga Software Solution)

Spring boot (Scaler)