

Nitish Kumar Kushwaha

Software Engineer

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👤 [geeksforgeeks.org/user/nitishkumarkushwaha1813/](https://www.geeksforgeeks.org/user/nitishkumarkushwaha1813/)



Summary

Results-driven Software Engineer with hands-on experience in building scalable web applications and backend systems using Java, Spring Boot, React.js, and Kafka. Proven expertise in performance optimization, microservice architecture, and full-cycle software development. Adept at collaborating with cross-functional teams to deliver high-impact features for enterprise SaaS platforms like EMS, Propel, and Travel SVC. Passionate about clean code, design patterns, and continuous learning.

Experience

Software Engineer, Zaggie Prepaid Ocean Services Ltd

10/2023 – Present
Hyderabad, India

Travel SVC (10/2024 - Present)

- Architected and implemented a **Kafka-based notification service**, enabling scalable, real-time alerting across systems.
- Orchestrated backend event handling using **Kafka** for improved system responsiveness and decoupling.

EMS (Expense Management System) (10/2024 - Present)

- Designed and deployed a high-throughput email service within the EMS platform, reliably serving over **10,000 users**.
- Diagnosed and resolved critical production issues, **reducing incident frequency by over 40%**.
- Led the migration of a business-critical module from Ruby on Rails to **Spring Boot**, boosting performance and reducing technical debt.
- Spearheaded API performance optimization efforts, achieving a **10x improvement in response times** for key endpoints.
- Developed backend logic for processing expense claims, including SQL-driven policy enforcement and approval flows.
- Engineered microservices using best-practice design patterns (**Singleton, Factory**) for scalability and maintainability.

Propel (Rewards & Recognition Platform) (10/2023 - 10/2024)

- **Delivered comprehensive end-to-end solutions**, encompassing both **React.js** and **Redux-Saga** for **robust UI development** and **backend logic for generic and client-specific features**. This resulted in significantly improved user engagement and module responsiveness.
- **Developed and integrated backend APIs** to support dynamic UI functionalities and business workflows, ensuring seamless data flow and high performance.
- Collaborated closely with enterprise clients to understand unique requirements and **tailor platform features across both frontend and backend** to specific business workflows, directly contributing to increased client adoption and satisfaction.

- Actively participated in Agile sprints, including engaging in product discussions for feature conceptualization, contributing to sprint planning, conducting thorough code reviews for both frontend and backend components, and resolving critical production issues through effective debugging and fixing.

Intern (Frontend Developer), *Zaggle Prepaid Ocean Services Ltd (Prismberry Inc.)*

04/2023 – 09/2023

Noida, India

- Designed and implemented frontend modules for **NGIFMS** and **DNPF** platforms using Angular, TypeScript, and RxJS.
- Delivered dynamic, responsive UI components aligned with financial application standards.
- Coordinated with backend developers to ensure seamless API consumption and optimised performance.

Education

Bachelor of Engineering in Computer Science and Engineering,

07/2019 – 09/2023

KLS Gogte Institute of Technology, Belagavi

CGPA: 9.05/10.0

Technical Head, Association of Computer Engineers (ACE), 2021–22

Skills

Programming Languages

Java, JavaScript, TypeScript, Ruby

Databases

SQL, DBMS, PostgreSQL, JPA

Development Tools

Kafka, Git, Postman, Jira, Cloud Watch, Oodle, S3.

Frameworks

Spring Boot, React.js, Angular, Redux-Saga, Ruby on Rails

Concepts

Data Structures & Algorithms, OOP, Design Patterns, Microservices, RESTful APIs, Agile

Operating Systems

Windows, Linux (Ubuntu)

Certificates

**Java Full Stack Development,
Masters Program – Simplilearn**
(2023)

**The Complete 2021 Web
Development Bootcamp –
Udemy**
(2023)