

# Akash Jaiswal

## SOFTWARE DEVELOPER

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Profile Links - [Portfolio](#) [Github](#) [LinkedIn](#)



## SKILL

**Backend Technologies :** Core Java | Collections | Streams API | Boot | Spring Security | Spring Data JPA | Hibernate | RESTful APIs | Microservices | SQL Hibernate ORM | MySQL | PostgreSQL | Postman

**Frontend Technologies :** React JS | Next JS | JavaScript

**DevOps & Tools :** Git | GitHub | Jenkins | Docker | Kubernetes | AWS (EC2, S3, RDS, VPC, IAM, EKS) | ELK Stack

## PROFESSIONAL EXPERIENCE

**Vmoksha Technologies : Software Engineer | Bengaluru**

**May 2022 - Present**

- Developed and maintained **microservices-based** applications using **Spring Boot** and **Spring Cloud**.
- Designed and implemented **RESTful APIs** serving **frontend** applications.
- Containerized applications using **Docker** and managed **orchestration** with **Kubernetes**.
- Integrated **third-party services** including payment gateways, and email notifications.
- Collaborated with **cross-functional teams**, including UI/UX designers and product managers, to design and implement features that boosted user engagement.
- Built **reusable UI components** using **React JS**, promoting code maintainability.
- Developed pages for **user management enabling single and bulk user uploads** to the platform, improving operational efficiency.
- Developed and integrated RESTful APIs to enable seamless, efficient **communication** between **microservices**, optimizing data flow and backend system interactions.
- Implemented security best practices including **JWT authentication** and **Spring Security**.
- Integrated **Kafka** with Spring Boot applications using **Spring Kafka** for seamless event handling

## Projects

**Hotel Management App (Airbnb Clone) - [Github Link](#)**

- Implemented secure user **authentication** and **authorization** system using **JWT tokens** and **Spring Security**
- Developed **real-time** room availability checking system with conflict prevention mechanisms.
- Implemented booking engine with **dynamic pricing** calculations and date-based rate management
- Implemented **password encryption** using **BCrypt** and secure session management.
- Implemented **role-based access** control (RBAC) for different user types (**admin, manager, users**).
- Developed **admin dashboard** for property moderation and user management.
- Implemented comprehensive **error handling** and **logging system** for better **debugging**.
- **Documented** APIs using **Swagger/OpenAPI** for easy integration with frontend.

**Fast Fashion - Live Demo Link - [Github Link](#)**

- Developed an online e-commerce platform using **React, Redux**, and **Tailwind CSS**
- Implemented a well-organized and visually appealing product catalogue with filters and categories.
- Assisted in creating the cart page and implemented the cart functionality.
- Implemented **Redux store** to centralize the data.

## Education

**Bachelor of Technology (July 2018 - July 2022 )**

- Bundelkhand University Institute of Engineering and Technology, Jhansi