

Alaf Baig

Delhi, India

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Objective

Aspiring Software Engineer with a strong foundation in backend development, specializing in Java, Spring Boot, and microservices architecture. Passionate about building scalable and efficient server-side applications, with expertise in databases (MySQL, MongoDB), API development, and cloud technologies. Seeking an opportunity to leverage my skills in a dynamic environment to contribute to innovative solutions while continuously enhancing my technical expertise.

Experience

- JPR Technosoft Jan 2024 - Present

Expertise in backend development using languages such as Java, HTML, CSS, and the Spring Boot framework.

Extensive experience in designing and building scalable server-side applications.

Proficient in relational and NoSQL databases, including MySQL and MongoDB.

Skilled in API development, RESTful, and third-party service integrations.

Expertise in server-side architecture, microservices, and cloud technologies.

Experience in database design, query optimization, and performance tuning.

Decent knowledge of version control systems (Git, GitHub).

Focused on security best practices, ensuring data integrity, privacy, and compliance.

Familiar with containerization and orchestration technologies, like Docker and Kubernetes.

Education

- Dewan Vs Institute of Engineering & Technology 2020-2024
B.Tech
- IM Public School 2019-2020
XII
- IM Public School 2017-2018
X

Technical Skills

- LANGUAGES: Java, Python, C
- WEB DEVELOPMENT
 - Backend: Spring Boot
 - Frontend: CSS | HTML
 - Database: My SQL | Mongo DB | ORM-JPA
- IDE:Eclipse IDE | VS Code | IntelliJ Idea
- OTHER TOOLS: GIT, GitHub (Version Control)

Projects

- **Eagle Cabs: SpringBoot | MySql | Kafka | WebSockets (On Going Project)**

Overview: The Eagle Cabs project is a cab management system built using a microservices architecture. It includes services for user authentication, ride and driver management, real-time notifications via Kafka, payment processing, offering a scalable and secure platform for seamless ride booking and operations.

Features:

- Microservices Architecture: Decoupled services like User Management, Ride Management, Driver Management, Payment Processing, and Notification Service for scalability and maintainability.
- Real-time Features: Uses Kafka for asynchronous communication notifications, ensuring updates for ride requests, statuses, and notifications.
- Notification System: Sends real-time updates through push notifications, emails, or SMS for events such as ride updates, payment confirmations, and promotions.
- Secure and Scalable System: Implements JWT for secure authentication, containerized deployment with Docker, and orchestration via Kubernetes to handle high loads efficiently.

Role and Responsibilities in the Eagle Cabs Project:

- Developing the RIDE MANAGEMENT, Google map APIs for booking, updating, and canceling rides while ensuring seamless integration with other microservices.
- Implementing the Mapping and Location Service, integrating Google Maps API for real-time tracking and route optimization.
- Working closely with the team to deliver high-quality features while maintaining system stability and performance.

Role and Responsibilities:

- Developing and testing all Category APIs, ensuring efficient and accurate management of categories within the system.
- Collaborating with the team to integrate the Category APIs into the Admin Panel, maintaining a secure and modular architecture.
- Working closely with the team to deliver high-quality features while maintaining system stability and performance.

Training & Certification

- Big Data Technology from NASSCOM
- Data Analytics
(ICT Honeywell)

Languages

- English
- Hindi

Hobbies

- Playing Cricket, volleyball.
- Fitness Influencing.