

# Beshambher Chaukhwan

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## EXPERIENCE

### Senior Software Engineer — Zalando, Germany (SDE 3)

JUL 2024 - PRESENT

**Returns:** Senior Backend Developer on the B2B Returns team for Returns solutions for the partners to facilitate the parcel returns and reports.

- A core member of the development team as a senior backend developer.
- A key player in the development of several microservices in **Java/Kotlin** using **Spring Boot, Python, PostgreSQL, Presto/Datalake** and **Kafka/Nakadi** hosted in **Kubernetes** and various **AWS** services using agile methodologies.
- Created high-level and low-level design documents, API specifications, and detailed architecture documentation with C4 diagrams for many initiatives.
- Developed Bash and Python scripts to automate support tasks and assist Partner Care and Operations with investigations.

### Software Engineer — Zalando, Germany (SDE 2)

MAR 2022 - JUL 2024

**Shipping & Returns:** Shipping and Returns solutions for the partners to facilitate the parcel delivery and returns. Providing efficient logistics solutions to the merchants so that they can expand their business in other markets/countries within the EU (B2B solution).

- A core member of the development team as a backend developer.
- A key player in the development of several microservices in **Java** using **Spring Boot, PostgreSQL** and **Kafka/Nakadi** hosted in **Kubernetes** and various **AWS** services using agile methodologies.
- Optimized shipping & returns solution for a partner program by breaking down the monolithic service into several new microservices which enabled efficient and independent scaling of different components of the solution. This increased the availability of the overall solution through fault isolation and system resilience.

## SKILLS

Java, Kotlin, Python, PHP

MySQL, PostgreSQL

HTML, CSS, JavaScript, Bootstrap

Spring Boot, Angular, Vue.js

AWS, Agile, Jira, Sprint, Kanban

Git, CI/CD, JUnit, Docker, Jenkins,

Kubernetes, Kafka

UML, C4, Sequence, HLD, LLD

## AWARDS

Awarded as the Young Achiever among the fresh joiners in the department in 2017

## LEADERSHIP

Trained and mentored junior developers in the team by performing technical trainings and code reviews for best practices and code quality

## LANGUAGES

English (Fluent), German (B1)

## Lead Software Engineer — Samsung, India (SDE 2)

MAR 2021 - FEB 2022

**LYNK Cloud:** A multi-region cloud based multi-tenant CMS for Hotel TVs providing highly scalable device and content management services over the cloud to the Hotel Chains (B2B enterprise solution).

- A core member of the development team as a full stack developer.
- A key player in the development of several microservices in **Java** and **JavaScript** using **Spring Boot** and **Angular** frameworks and various **AWS** services using agile methodologies.
- Designed and developed a microservice in Spring Boot for browser notifications using publish-subscribe model by using MQTT data pools and Message Queues using AWS services (AWS SNS, SQS, IoT).
- Decreased notification reception latency by replacing long polling mechanisms with real-time web-sockets in Angular services (replacing AWS SQS with AWS IoT topics).
- Reduced cost and improved scalability of the notification service by replacing the Message Queues with IoT topics for notification data pool for pub-sub mechanism.

## Software Engineer — Samsung, India (SDE 1)

JUL 2017 - MAR 2021

**Samsung ProService Portal:** A cloud based multi-tenant invoice and billing management system (in-house solution) for the Sales team.

- A full stack developer for several microservices in **Spring Boot** and **Angular**.
- Performed code reviews and optimizations by employing SOLID design principles, OOP concepts and TDD methodologies.
- Decreased server load time by proposing an optimized project structure for Angular services using lazy modules which resulted in faster load time by lazy loading of chunks.

## EDUCATION

### Delhi Technological University (formerly Delhi College of Engineering), India

Bachelors of Technology graduate in Software Engineering

AUG 2013 - MAY 2017