

Abhishek Chandel | +91-7415222399 | chandelabhishek008@gmail.com

Senior Backend Engineer with ~9.5 years of experience in architecting, developing, and deploying mission-critical systems. Proven ability to lead and mentor cross-functional teams, delivering scalable solutions that handle millions of users and complex transactions. Expertise in various technologies including **Spring Boot, Hibernate, Node.js, cloud platforms (GCP, Kubernetes), and security best practices.**

Work Experience

TESCO | SDE-3 | June 2024 – Present

- Responsible for designing, maintaining backed service which powers tesco.com's product discovery journey. This service handles 150k-300k rpm on an average.
- Heading the migration of the current graphQL service(a monolith) to a federated graphQL service(subgraphs)

Tech Stack: Nodejs, Typescript, GraphQL, Docker, Azure, Kubernetes

Mystifly Consulting | SDE-4 | June 2023 – June 2024

- Spearheaded the design and development of Mystipay (B2B virtual card payments system)
- Designed a multi-tenant system with robust user access controls, enabling secure and efficient operations for a diverse client base.
- Collaborated with product management to define scope and deliver the first iteration of Mystipay on time and within budget.
- Established CI/CD pipelines and implemented comprehensive observability systems to ensure continuous integration, delivery, and monitoring of the platform.
- Introduced org-wide platform engineering practices, which embraces git-ops model. Streamlined CI/CD for all the environments, Designed framework for config-management for legacy apps. Created ability to create new environments on demand.

Tech Stack: Spring Boot, Hibernate, PostgreSQL, Docker, GCP, Kubernetes

Lummo | SDE-2 | June 2021 – March 2023

- Led a team of 8 engineers, fostering collaboration and ensuring efficient project delivery across various initiatives.
- Implemented a policy-driven authorization and authentication module for donut.cx that supports hybrid access control models, enabling secure and flexible access management for a large user base.
- Developed and deployed Lummo-pay, an internal payment gateway processing significant transaction volumes for various teams within the company.
- Championed high security standards by conducting regular security reviews and audits, collaborating with external agencies for additional assessments.
- Established rigorous interview processes and mentored developers, contributing to the development of a strong engineering talent pool.

Tech Stack: Node.js, NestJS, Ruby on Rails, Kubernetes, Postgres, GCP, Elasticsearch, Redis

Falabella | Lead Engineer (Payments Team) | May 2019 – June 2021

- Led the development of a multi-tenant payment service from scratch, enabling secure and scalable payment processing for all Falabella Group companies across Latin America, handling millions of users and transactions.
- Integrated diverse payment service providers to facilitate various payment methods (one-step and two-step) for a global customer base.
- Scaled the service to process over \$100 million in payments during Chile's three-day Cyber Monday event on falabella.com, demonstrating exceptional scalability and performance.
- Designed and implemented a robust fraud detection system that effectively protects against fraudulent transactions while scaling proportionately to payment volume.
- Developed split payment and asynchronous payment functionalities, enhancing the payment processing capabilities for complex business scenarios.
- Achieved and maintained a test coverage rate exceeding 90%, ensuring high code quality and reliability.

Tech Stack: Node.js, Fastify, PostgreSQL, Kubernetes, Docker, Google PubSub, Command Pattern, Event Sourcing, Sagas, Transactional Outbox

Velotio | Software Engineer | Aug 2018 – May 2019

Miro: Developed and maintained a platform for conducting cognitive research, analysing data from multiple games and questionnaires.

Tech Stack: Python, Django, React, Redux, Redux-Sagas, Material Design)

Macrometa (Database at the Edge): Designed, developed, and deployed monitoring system.

Tech Stack: C++, Node.js, Go, ReactJs, BackboneJs

Gamooga | Software Engineer | Oct 2015 – Apr 2018

- Played a key role in migrating the backend from Python to Node.js, significantly improving performance and scalability.
- Rewrote the existing chat system from Python to Nodejs
- Contributed significantly in redesigning frontend and rewriting it in react.
- Created a custom bot builder which used this chat system as a communication medium and it was capable of calling APIs, persisting in memory state, collecting analytics and running JS code.

Tech Stack: NodeJs, Python, Aerospike, MySql, GreenPlum, Java, ReactJs, Redux, Redux-Sagas, Hazelcast

Education

Master Of Computer Applications, NIT Bhopal 2012 – 2015