

Keshav Goyal

Senior Software Engineer

Senior Software Engineer with 4+ years of experience building scalable, microservices-based systems using Java and Spring Boot. Led design and implementation of a centralized order orchestration platform (COM) and cross-team API standardization initiatives, strong experience with event-driven architecture and production resilience.

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WORK EXPERIENCE

Senior Software Engineer

Airtel X Labs

04/2022 - Present

Achievements/Tasks

- **Common Order Manager (COM)** - Currently working on COM, a centralised **order orchestrator** for AIRTEL. Build this entire order orchestrator **platform** from scratch that will be the backbone for all journey associated at AIRTEL basically a one backend platform for entire **E-COMMERCE**.
- **XSAFE**- Developed and implement a robust end-to-end **XSAFE** solution, encompassing the entire **workflow** and seamlessly integrating it into our order orchestration system. Drive the project from inception through successful **beta testing**, ensuring a seamless end-to-end delivery process.
- **TMF Standards** - Revamp all API signatures to align with **TMF standards** and comprehensively adapt all processes to meet these standards end-to-end. This transformation will elevate our **Order Orchestrator** system to a **versatile, generic platform**, extending its functionality beyond the AIRTEL journey to cater to the entire **E-COMMERCE** ecosystem.
- **Milestone** - Implement a comprehensive end-to-end **Milestone** Stitch solution for all customer journeys, tailoring milestone visibility to specific channels during **order tracking**, while also defining internal milestones for efficient internal operations.
- Improved system resilience by applying **Resilience4j** (circuit breakers, bulkheads, retries) and by introducing structured retry/backoff and fallback logic.
- Designed and implemented asynchronous, reliable integrations using **Kafka / JMS / Solace** with idempotency and error-handling strategies.
- Mentored interns and junior engineers; led design reviews and owned cross-team API decisions and releases.

Software Developer Intern

Airtel X Labs

01/2021 - 07/2021

Feature Developments In Airtel Work

- Designed and delivered Spring Boot features end-to-end; authored integration tests and participated in SIT cycles for production releases.
- Implemented Drools rules to automate workflow state transitions and reduce manual intervention in order processing.

Software Developer Intern

The Black Jab

04/2020 - 07/2020

Achievements/Tasks

- **Application Monitoring** using **AppDynamics** : Build a basic Stack Application using **Nodejs, MongoDB** then connect with AppDynamics for monitoring.
- Instrumented tracing for Spring Boot apps using **Jaeger** to identify latency bottlenecks.

EDUCATION

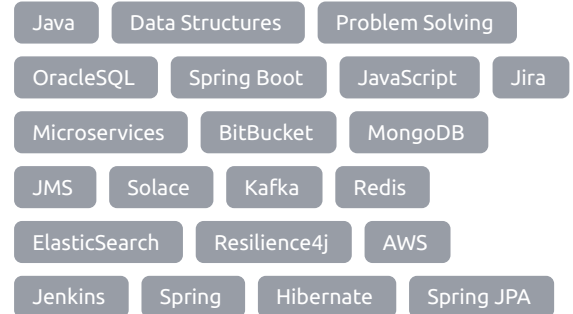
B.Tech

Punjab Engineering College

08/2018 - 06/2022

Chandigarh, 7.6

TECHNICAL SKILLS



PERSONAL PROJECTS

Twitter Based Application

- Build a Spring Boot Java Application based on Twitter where a person can tweet and also see other people's tweets if he/she follows that person. Also Enable JWT(Json Web Token) Security.

Movies Database

- Designed the movies Database architecture for client projects. Developed data Flow and entity relationship diagrams.

ACHIEVEMENT/CERTIFICATE

Rookie of the Year

For consistently delivering a wide range of critical projects on time and handling with immense responsibility

Multiple Kudos Awards

Recognised for consistently delivering a wide range of critical projects with exceptional quality and on-time completion.

Data Structures And Algorithm in Java

District-Level Math Olympiad | 2016 (3rd Position)

POSITION OF RESPONSIBILITY

NSS Volunteer : Perform street plays on social cause towards helping underprivileged children and women empowerment.

EIC Executive Member: Part of organising team for IPL auction biggest mass gathering event .Participated and represented the college in B-Plan at E SUMMIT(IIT ROORKEE).

Active member of Non-Profit Organisation Voyagers In-charge of offline publicity for the fourth edition of "Chandigarh's Got Talent".