Ankush Choubey
Full Stack Developer - Cloud/Microservices

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SUMMARY

A multi-skilled developer with **4+** years of experience in frontend & microservices. Involved in all stages of SDLC. On-job expertise in **event-driven** architecture, **reactive programming**, **test-driven** development and **leading dev team**. Certified AWS Cloud Practitioner and deeplearning.ai 5 course specialization.

SKILLS

Technologies

Backend-Stack

Java — Spring Boot; Python

Frontend-Stack

ReactJS; Angular 2+; Typescript

Data-Stack

MongoDB; Oracle, MS SQL Server; Kafka

Deployments

Docker; Kubernetes

Cloud

AWS

Design and Paradigms

Multi-threaded + Reactive Programming;
Domain Driven Design (**DDD**);
Event-Driven Architecture;
OO Design Patterns

Practices

Engineering

TDD; BDD; CI; Chaos Engineering

Agile Methodologies

Scrum; Kanban

WORK EXPERIENCE

Full Stack Developer - Digité (Product Based)   Nov 2021 – Present
Domain: **Project Management**

- Backend
  - Built three event-driven and reactive microservices with Spring **Webflux**, **Kafka** and **MongoDB** that support five products. **Streaming file** upload and download from **AWS S3**; Configuration, communication and **OAuth flow** with 3rd party services; API documentation using **OpenAPI**.
  - Practiced Test Driven Development (**TDD**); Currently implementing Behavior Driven Development (**BDD**) cycle.
- Architecture
  - Introduced **architecture testing** and **conventional commits** to increase code quality and maintainability.
  - Working towards a **continuous delivery** pipeline. Developed jobs in **Jenkins** and YAML scripts in **Kubernetes**.
  - Working towards implementing automated **Chaos Engineering** in Spring Boot.
- Other
  - **Lead LLD designer,** developer and **code reviewer** for the team of 3. Conducted **training sessions** on BDD, TDD, and other practices; Wrote **technical blog** posts. **Coordination with vendors** and multiple teams.

System Engineer - Tata Consultancy Services (Client: A Hollywood Media House, USA)   July 2018 – Nov 2021
Domain: **Media and Entertainment**

Shipped two critical delayed projects within six months of joining. **Promoted two years ahead of schedule.**

- Frontend
  - **Developed 20+ features** in Angular. Enhanced **response time** per click from 8 seconds to 300ms. Designed and released an **Angular Library** to **create infographics** with customizable backgrounds, images, data, and themes. Made apps **responsive** from 4K TV to mobile; upgraded Angular from 4 to 12: developed and released **Progressive Web App** (PWA)
- Backend
  - Developed approval pipeline involving multiple approvers and approver groups, Spring Boot REST API endpoints, **Spring Batch** job for loading data into the application, Unit Testing with **Mockito**, Spring Data **JPA** CRUD operations, and upgraded Spring Boot from 1.5 to 2.5.
- Database
  - Reduced data processing time for an application from 4 hours to 2 minutes compared to the previous method (excel) by **designing data pipelines** and batch jobs in SQL Server.
  - Made Oracle SQL script for **data migration** from an old application.
  - Created **Automated DB Deployment script** for Liquibase in XML and SQL Format.

EDUCATION

2018 — **Bachelors In Computer Science**
Mumbai University (Score: 7.14 CGPA)
Project: Hybrid Recommender System (7 Machine Learning Algos)

2015 — **Diploma in Computer Engineering**
MSBTE, Mumbai (Score: 82.18%)