

Ankush Choubey

Full Stack Developer - Cloud/Microservices



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SUMMARY

5 years experience in the frontend and microservice. Major expertise in, **event-driven** architecture, **reactive programming**, **test-driven** development, and **driving architectural & engineering decisions for multiple dev teams**. Certified [AWS Cloud Practitioner](#) and [deeplearning.ai specialization](#).

WORK EXPERIENCE

Full Stack Developer - NimbleWork (Product Based)

Nov 2021 – Present

Domain: **Agile Project Management**

- Backend
 - Built two **Rest API Query language** (EL) including **OData** Evaluator that transpiles to **MongoDB** queries.
 - Architected and developed **OAuth 2.0 Server** and made scoping policy and gateway configuration decisions.
 - Built 5 **event-driven reactive microservices** with **Spring Webflux**, **Kafka**, and **MongoDB** that support 5 products.
 - Build synchronous request-response over Kafka using **Redis**.
 - Developed integration apps for **Slack**, **Tray**, and **Zapier**. Consumed **GraphQL**.
 - **Streaming file** upload and streaming from **AWS S3**; **OAuth flow** with 3rd party; 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.
- Engineering Culture
 - **Lead LLD designer**, developer, and **code reviewer for 25 developers**.
 - Conducted **training sessions** on BDD, TDD, Scrum, and other practices for **developers** and **product teams**;
 - Wrote **technical blog** posts.
 - Improved team's deployment frequency when I was the **scrum master** for 2 weeks.

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. Reduced **response time** per click from 8 seconds to 300ms. Designed a **customizable infographics library** for Angular. Made apps **responsive** from 4K TV to mobile; upgraded Angular from v4 to v12: 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.

SKILLS

Technologies

Backend-Stack

Java — Spring Boot; Express.js; Python

Frontend-Stack

ReactJS; Angular 2+; Typescript

Data-Stack

MongoDB; Oracle, MS SQL Server; Apache Kafka; Redis

Deployments

Docker; Kubernetes

Cloud

AWS

Design and Paradigms

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

Agile Practices

Engineering

TDD; BDD; CI; CD;

Methodologies

Scrum; Kanban

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%)