

# Ankush Choubey

## Full Stack Developer - Cloud/Microservices



Phone: +91 770 947 3553

Email: ankushchoubey@outlook.com

LinkedIn: [/in/ankushchoubey](https://in.linkedin.com/in/ankushchoubey)

Technical Blog: [ankushchoubey.com](https://ankushchoubey.com)

### 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](#). Currently part of a platform team.

### WORK EXPERIENCE

#### Full Stack Developer - NimbleWork (Product Based)

Nov 2021 – Present

##### Domain: **Agile Project Management**

- Backend
  - Built two **Rest API Query languages** (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.
  - **Initiated** the idea and implementation strategy of a **plugin architecture** for a significant product revamp.
- 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 the 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%)