# Ankush Choubey

## Full Stack Developer - Cloud/Microservices

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## SUMMARY

A skilled developer with **4+** years of experience in frontend & microservices with a willingness to master design patterns, engineering, and agile practices. Certified AWS Cloud Practitioner and deeplearning.ai 5 course specialization.

## WORK EXPERIENCE

### Full Stack Developer                                           Nov 2021 – Present
Digité

- 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 **TDD** for all code; ensured a *high-quality set of automated tests* leading to 0 logical bugs in production.
  - In-process of implementing **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 **Kubernetes** scripts.
  - Working towards implementing automated **Chaos Engineering**.
- Other
  - **Lead developer** and **code reviewer** for the team of 3. Conducted **training sessions** on BDD, TDD, and other practices; Wrote **technical blog** posts. **Coordination with 3rd party vendors** and multiple internal teams.

### System Engineer                                               July 2018 – Nov 2021
Tata Consultancy Services (*Client: Sony Pictures Entertainment, USA*)

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.
- 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 — **Mumbai University** | 2015 — **MSBTE,** Mumbai |
| --- | --- |
| Bachelors In Computer Science (Score: 7.14 CGPA) | Diploma in Computer Engineering (Score: 82.18%) |

## SKILLS & OTHER

| Technologies | | *Practices* | Other Relevant Details |
| --- | --- | --- | --- |
| **Backend-Stack** | **Deployments** | **Engineering** | **Languages Known** |
| Java — Spring Boot; Python | Docker; Kubernetes | TDD; BDD; CI; Chaos Engineering | English; Hindi |
| **Frontend-Stack** | **Cloud** | **Agile Methodologies** | **Technical Blog** |
| ReactJS; Angular 2+; Typescript | AWS | Scrum; Kanban | ankushchoubey.com |
| **Data-Stack** | | | |
| MongoDB; Oracle, MS SQL Server; Kafka | | | |