Ankush Choubey

Full Stack Developer - Cloud/Microservices

Additionally, **Tech Lead of a Platform Team** and a Code Reviewer

AWS certified Cloud Practitioner

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Current Location: Mumbai, India.

SUMMARY

5 years experience. Expertise in **microservices**, design patterns, **reactive programming**, and **test-driven** development. Certified AWS Cloud Practitioner and deeplearning.ai specialization

WORK EXPERIENCE

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

- Frontend
  - Built a data table component in **React** with Drag and Drop of columns, data entry, pagination, and filtering.
- Backend
  - Built two **Rest API Query languages** (EL) including **OData** Evaluator that transpiles to **MongoDB** queries.
  - Architected and developed the **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** a plugin architecture's idea and implementation strategy for a significant product revamp.
- Engineering Culture
  - 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**

- 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			Agile Practices
Backend-Stack	**Deployments**	**Design and Paradigms**	**Engineering**
Java — Spring Boot; Express.js; Python	Docker; Kubernetes	Multi-threaded & Reactive Programming;	TDD; BDD; CI; CD;
Frontend-Stack	**Cloud**	Domain Driven Design (**DDD**);	**Methodologies**
ReactJS; Angular 2+; Typescript	AWS	Event-Driven Architecture;	Scrum; Kanban
Data-Stack: MongoDB; Oracle, MS SQL Server; Apache Kafka; Redis		OO Design Patterns	

EDUCATION

2018 — **Bachelor 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%)