

Akash Chhabra

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Education

Bachelor of Engineering, Information Technology

Aug. 2017 – May 2021

Thadomal Shahani Engineering College, Mumbai University

CGPA – 9.14

Experience

Deutsche Bank

Pune

Senior Analyst (SDE 1)

July 2021 - Present

Unity Project (Technical Integration of Postbank with Deutsche Bank)

- Worked on DB's key migration project involving seamless transfer of hedge data from Postbank to its infrastructure which contributes to save more than €300 million in infrastructure costs. Designed and developed **Spring Boot microservices**, optimized data flow, and implemented CI/CD pipelines using **Jenkins** and **Helm** charts.
- Drove the strategic remediation of Open-Source Software Vulnerabilities, implementing key migrations like **Netflix Eureka** to **Spring Consul** for service registry and **Netflix Zuul Gateway** to **Spring Cloud Gateway**. Successfully mitigated over 90% of vulnerabilities, enhancing service security and reliability.
- Pioneered the automation of the database release process, replacing manual procedure with Spring **Liquibase** and **Kubernetes Jobs**. Designed a robust and compliant system, improving management and tracking of database changes.
- Collaborated with cross-functional teams to develop a **Python** and **Flask**-based tool for automatic detection of environment property mismatches across multiple development, test, and pre-production environments. Reduced testing queue time from 3 days to less than 8 hours, improving overall environment usability.

Athena (Resource allocation tool)

- Led the creation of the Athena project, **constructing database schemas** and **architecting Spring Boot microservices** from inception. Revolutionized the resource allocation process by reducing allocation time from 2 weeks to 30 minutes. Achieved a 72% increase in allocation accuracy and enabled efficient resource distribution across projects.
- Simultaneously, took charge of leading the backend team, offering vital mentorship to junior developers, providing technical guidance, and facilitating knowledge-sharing sessions.

Skills

Programming Languages – Java | Python | SQL

Cloud and Database – GCP | OpenShift | Helm | Kubernetes | Oracle SQL | MongoDB

Frameworks – Spring Boot | Spring Cloud | Flask | FastAPI

Tools – Git | Jira | Jenkins | Maven | Gradle | Liquibase | Splunk | Junit | Mockito

Projects

Minutes in Seconds ([code](#))

July 2023

- **Tech Stack** – Python, FastAPI, MongoDB
- Developed an Intelligent Meeting Assistant leveraging **OpenAI's GPT 3** and **Microsoft Graph APIs**. The assistant seamlessly integrates with Teams meeting invites, generating comprehensive meeting minutes and extracting actionable insights from meeting transcripts and reply them directly to the meeting invite.

Others

- **Google Certified Associate Cloud Engineer**

Jan. 2023 – Jan. 2026

- Represented Athena in Bank on Tech & Dragon's Den

June 2022 & Sept. 2022

- JP Morgan Code for Good Winner

July 2020