

Saurabh Nandy

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Summary

Enthusied software developer with a passion for technology having 2+ years of experience, with competencies in backend and full-stack development, proven skills in collaborating with different teams and, building and maintaining complex and scalable applications in an agile environment. Seeking out new opportunities to work in a fast-paced and challenging environment that could help in overall growth.

Skills

- Programming Languages: Java, Python, JavaScript, TypeScript
- Object-Oriented Programming (OOP)
- DBMS, SQL, NoSQL
- CI/CD, Jenkins, Docker
- Knowledge of Cloud, Kafka, Sonar
- Frameworks: Spring Boot, Angular, Django, Flask, NodeJs
- Data structures and Algorithms
- REST API Design and Development
- Version Control: Git, GitHub, Bitbucket
- Exposure to ML and DL

Experience

Software Development Engineer, Hotels Amadeus Software Labs

Oct 2022 - Current
Bangalore, Karnataka

- Contributed to the design, development and maintainance of **REST APIs** and **SOAP webservice**s in **Spring Boot** and **Apache CXF**.
- Migrated services from legacy Apache CXF to Spring Boot, making the system capable of handling **millions of requests every day** and also **improved code coverage of tests by 75%**.
- Designed and developed a highly customizable system for seamless onboarding of hotels into Amadeus, **increasing bookings and revenue by 25%**.
- Assisted in the development of new services to deliver bookings in realtime to hotels using Apache Kafka, **thus reducing latency of booking deliveries and prevent overbookings**.
- Utilized knowledge of **Database systems (MySQL, MariaDB)** and **ORM (Hibernate, JPA)** to design and integrate databases in newly developed applications.
- **Handled incoming bugs and incidents** contributing to the stability of different applications, **resolved vulnerabilities and security issues** in existing products, performed code reviews, and provided on-call and war-room support to ensure **customer satisfaction**.

Software Development Engineer, Airlines Amadeus Software Labs

Aug 2021 - Sep 2022
Bangalore, Karnataka

- Contributed as a **full-stack developer** for Selling Platform Connect (SECO) - a booking platform for OTAs.
- Developed new features in SECO for **air shopping & booking flows, comparison matrix, etc. using Angular and Java**, following the **best coding and testing practices**, resulting in increased customer satisfaction.
- Documented and executed **technical migration** of features from legacy Aria codebase to Angular, **thus reducing technical debt**.
- Proactively troubleshooted and resolved ongoing bugs and incidents, **significantly reducing backlog**.
- Conducted comprehensive **technical and functional knowledge transfer sessions, mentoring new hires and interns** while providing essential technical support for daily scrum activities.

Education and Training

B.Tech in Computer Engineering KJ Somaiya College of Engineering

Aug 2017 - May 2021
Mumbai, Maharashtra

- 9.53 GPA
- Ranked in Top 5% of college

Projects

- **Notelt** - An **online notepad** that can be used to create, save and access notes anytime on the internet using **Flask in Python**. Incorporated various features into the application like the ability to add password to the notes for security, rename notes, **markdown support**, preview, etc and deployed it on **cloud**.
- **ANTARA** - Designed and implemented a **social distance surveillance system** during Internship, that can monitor and regulate crowds in closed spaces to ensure social distancing. Utilised a **deep learning** model based on **neural networks and computer vision** to detect crowd cluster formation on existing CCTV infrastructure. Deployed it on cloud and secured **1st rank among all other internship projects**.