

# NISARG ADALJA

438-778-7265 | [nisargadalja2000@gmail.com](mailto:nisargadalja2000@gmail.com) | [LinkedIn/nisarg](https://www.linkedin.com/in/nisarg) | [Portfolio/nisarg](#) | [GitHub/nisarg291](https://github.com/nisarg291)

## PROFESSIONAL SUMMARY

---

Full-Stack Java Developer with 3+ years of experience delivering scalable enterprise applications and cloud-native solutions, with a Master's degree from Concordia University. Reduced production defects by 30% by implementing unit and integration tests. Improved database performance by 18% by tuning SQL queries.

## EDUCATION

---

### Master of Applied Computer Science

Concordia University

Sep 2023 - Apr 2025

Montreal, Canada

### Bachelor of Computer Engineering

Gujarat Technological University

Aug 2017 – Apr 2021

Ahmedabad, India

## EXPERIENCE

---

### Software Developer

Tata Consultancy Services

Jan 2022 – Aug 2023

Ahmedabad, India

- Designed microservices-based applications using Java, Spring Boot, React, and GraphQL, boosting system scalability by 25%.
- Built interactive front-end modules using React and TypeScript, linking REST APIs for seamless UI/UX.
- Led migration to Jenkins-based CI/CD pipelines, containerized with Docker and deployed to AWS, doubling weekly deployment frequency and accelerating client delivery.
- Implemented unit and integration tests with JUnit and Mockito, achieving 85% coverage and lowering production defects by 30%.
- Collaborated with a 6-member agile team to devise scalable architecture, streamlining workflows by 50%.

### Software Developer

RadixWeb

May 2021 – Dec 2021

Ahmedabad, India

- Engineered microservices-based ERP backend with Java, Spring Boot, Spring Security, React and MongoDB, augmenting throughput by 15%.
- Optimized REST APIs processing 20,000+ daily requests, fortifying reliability and achieving 95% uptime.
- Managed AWS container deployments with Docker, accelerating release cycles and enhancing stability.
- Partnered with QA/DevOps teams to resolve integration issues, reducing deployment failures by 25%.

### Software Developer - Intern

AxisRay

Apr 2020 – Apr 2021

Ahmedabad, India

- Developed internal task management and employee tracking systems with Spring Boot and Angular, elevating operational efficiency by 15%.
- Diagnosed CI/CD issues on GCP and integrated GitHub Actions workflows, minimizing build errors by 25%.
- Refactored legacy REST APIs, enhancing maintainability and accelerating response times by 20%.
- Coordinated with senior developers to tune SQL queries and indexing, increasing database performance by 18%.

## SKILLS

---

### Languages

Java, Kotlin, TypeScript, JavaScript, SQL, Python

### Frameworks

Spring Boot, Hibernate, React, Angular

### Backend

REST APIs, GraphQL, Microservices, JWT, PostgreSQL, MongoDB, Kafka, RabbitMQ

### Cloud & DevOps

AWS (EC2, S3, Lambda, RDS), Docker, Kubernetes, Jenkins, Git, CI/CD

### Testing

JUnit, Mockito, Playwright, Selenium, Postman, Agile/Scrum

## PROJECTS

---

### ConvoBot AI | Java, Spring Boot, React, Spring AI, OpenAI API

- Architected an AI-driven chatbot capable of handling 500+ concurrent requests at 20ms latency using Spring AI and OpenAI API, ensuring real-time reliability.

### BankSafe Pro | Java, Spring Boot, Angular, MySQL

- Engineered secure banking modules for account operations and fund transfers, minimizing transactional errors by 10% and reinforcing security compliance.