

# NIKHITHA KONDA

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## Experience

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### Senior Software Engineer

Sep 2024 – Sep 2025

#### Delta Dental INS (Remote)

Alpharetta, GA

- Designed and deployed RESTful APIs using Java and Spring Boot, owning request validation, service contracts, integrations with downstream systems, including efficient lookup, deduplication logic to support business critical broker workflows.
- Built broker onboarding and profile management workflows using React, implementing form validation, state management, and API-driven user journeys, reducing user facing defects by 25% across high-traffic modules.
- Implemented enterprise-grade authentication using Azure AD SSO and Role-Based Access Control (RBAC) across broker-facing applications, strengthening security compliance and improving login reliability.
- Owned end to end production support for backend services powering the Broker Portal, diagnosing API latency, request failures, and data consistency issues using logs and monitoring tools, and safely deploying fixes via GitHub Actions, Docker, and AWS.
- Received multiple Step-Up Awards for security hardening, performance improvements, and cross-team delivery of critical enhancements to the Broker Portal.

### Software Engineer

April 2021 – August 2022

#### Equifax

India

- Built and enhanced high-volume backend services using Java and Spring Boot, owning API endpoints and data processing flows that handled credit reports and scoring data for external partners.
- Applied algorithmic optimizations to backend data processing workflows, improving lookup efficiency, batching operations, and reducing end-to-end processing latency for high-volume financial data.
- Improved backend performance across Spring Boot microservices and Oracle PL/SQL by optimizing queries, data access patterns, and retry logic, reducing transaction and report processing times by up to 30%.
- Developed internal API monitoring and debugging dashboards using React and Next.js, improving visibility into data flows and accelerating issue resolution across distributed services.
- Collaborated closely with QA, DevOps, and Product teams to stabilize production workflows, resolve issues within SLAs, and reduce incident frequency by 40%.
- Awarded the Helping Hand Award for maintaining system reliability and ensuring production continuity during peak reporting periods.

### Software Development Engineer in Test

November 2020 – April 2021

#### Amazon

India

- Performed functional, regression, and data-validation testing for Amazon Catalog workflows, ensuring accurate ASIN creation, attribute updates, and end-to-end catalog ingestion quality.
- Developed and executed test plans and Python-based automation scripts to validate catalog content accuracy, schema compliance (JSON/XML), and UI behaviors, improving release stability and confidence.
- Tested and validated Python scripts used for bulk catalog updates and data-processing workflows, ensuring correctness of parsed attributes, classification logic, and downstream transformations.
- Investigated catalog defects by reproducing failures, analyzing logs, and validating service responses, enabling faster root-cause identification and smoother production releases.

## Technical Skills

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**Programming Languages:** Java (Data Structures & Algorithms), Python, JavaScript/TypeScript, C++

**Front-End & Back-End:** React, Next.js, RESTful APIs, Microservices, Spring Boot, Angular, HTML, CSS, GraphQL

**Testing & QA Automation:** Selenium, JUnit, Mockito

**Databases & Messaging:** Oracle (PL/SQL), PostgreSQL, MySQL, Redis, Apache Kafka

**Cloud, DevOps & Monitoring:** AWS (EC2, S3, RDS, Lambda), Azure, Docker, GitHub Actions, Jenkins, GCP, Datadog, CloudWatch, Grafana, Splunk

**Tools:** Postman, Jira, Azure DevOps, Git (GitHub, Bitbucket)

## Education

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### University of Central Florida

Aug 2022 – May 2024

Master of Computer Science

Orlando, Florida

## Certifications

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- AWS Certified Solutions Architect -Associate