

NIKHITHA KONDA

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Experience

Senior Software Engineer

Sep 2024 – Sep 2025

Delta Dental INS (Remote)

Alpharetta, GA

- Designed and deployed **RESTful APIs** using **Java**, **Spring Boot**, and **Hibernate** within a microservices architecture, supporting business-critical broker and provider workflows consumed by multiple downstream systems.
- Engineered high-performance **Angular** and **React** UI components including dynamic tables, dialogs, and form engines, improving UI responsiveness and 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.
- Modernized **CI/CD pipelines** by migrating from **Jenkins** to **GitHub Actions** with **Docker** and **AWS** integrations, reducing release cycles by **40%** and improving deployment consistency and rollback safety.
- Owned end-to-end production support for the Broker Portal, investigating and resolving **API latency** and **data consistency** issues to improve reliability of upstream systems feeding eligibility and claims workflows.
- 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 financial data exchange services using **Java**, **Spring Boot**, and **Hibernate**, securely processing credit reports and scoring data for external partners through **REST APIs**, eliminating manual workflows.
- Improved onboarding and dispute-resolution workflows across **Spring Boot microservices** and **Oracle PL/SQL**, reducing transaction times by **30%** while maintaining **99.9%** uptime through robust error handling and retry mechanisms.
- Boosted backend performance by tuning **Oracle** and **MySQL** queries, optimizing Hibernate mappings, and refining stored procedures, reducing report generation times from minutes to seconds.
- 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

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

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

Testing & QA Automation: Selenium, JUnit, Mockito

Databases & Messaging: Oracle (PL/SQL), PostgreSQL, MySQL, MongoDB, DynamoDB, 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

University of Central Florida

Aug 2022 – May 2024

Master of Computer Science

Orlando, Florida

Certifications

- AWS Certified Solutions Architect -Associate**