NIKHITHA KONDA

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PROFESSIONAL SUMMARY

Full Stack Software Engineer with 6 years of experience designing, developing, and delivering enterprise-grade applications using Java, Spring Boot, Angular, and TypeScript. Expert in building scalable RESTful APIs and responsive front-end interfaces (Angular, React, PrimeNG/Kendo) integrated with Oracle PL/SQL for high-performance data handling. Skilled in the full SDLC from architecture design, coding, and testing to deployment and production support ensuring quality, scalability, and adherence to engineering best practices. Proficient in CI/CD automation (GitHub Actions, Jenkins, Docker) and Agile delivery tools (Bitbucket, Jira, Confluence). Strong background in debugging, performance optimization, and cross-functional collaboration, consistently driving on-time releases and reliable, cloud-ready solutions in fast-paced, distributed environments.

PROFESSIONAL EXPERIENCE

Delta Dental INS   **Sep 2024 – Sep 2025**
Senior Software Engineer   **Alpharetta, GA (Remote)**

- Designed and deployed REST APIs with Java, Spring Boot, and Hibernate in a microservices architecture, and collaborated with teams using Node.js and C# services for cross-platform integrations, powering broker, partner, and provider workflows used daily by thousands of users.
- Built and optimized front-end interfaces using React JS, and Angular, delivering reusable components (tables, modals, forms) that enhanced performance and reduced UI defects by 25%.
- Integrated data-driven features leveraging APIs and dynamic form rendering, improving API communication speed and user responsiveness across modules.
- Implemented secure authentication with SSO (Azure AD) and RBAC, ensuring compliance with enterprise security standards and improving login reliability.
- Designed adaptive access-control logic supporting complex UI behavior without schema changes; debugged and resolved performance bottlenecks via heap/thread analysis and log-based optimization.
- Drove engineering excellence through code reviews, modular refactoring, and mentoring junior developers, reducing production defects by 20% and improving long-term maintainability.
- Migrated CI/CD pipelines from Jenkins to GitHub Actions, integrating Docker and AWS workflows to shorten release cycles by 40% and improve rollback reliability.
- Collaborated cross-functionally with QA, DevOps, and product teams to ensure stable, feature-rich releases with minimal downtime and a clear documentation trail for each update.

Equifax   **April 2021 - August 2022**
Software Engineer   **India**

- Engineered financial data integration services using Java, Spring Boot, and Hibernate, enabling secure, high-volume exchange of credit reports and scoring data through REST APIs improving partner processing efficiency and eliminating manual workflows.
- Built and optimized onboarding and dispute-resolution workflows via Spring Boot microservices and Oracle PL/SQL, cutting transaction times by 30% and maintaining 99.9% uptime with robust error handling and retry logic.
- Enhanced backend performance by tuning Oracle and MySQL queries, optimizing Hibernate mappings, and streamlining stored procedures reducing report generation from minutes to seconds.
- Developed internal dashboards and API monitoring interfaces using React and Next.js, improving visibility into data exchange activity and accelerating debugging cycles.
- Integrated Supabase-like data services for lightweight testing and rapid prototyping during feature validation phases, increasing iteration speed for internal tools.
- Partnered with QA, DevOps, and product teams to stabilize production workflows, proactively manage release dependencies, and deliver fixes within SLAs, reducing incident frequency by 40%.
- Maintained detailed technical documentation for all release cycles and cross-system dependencies to ensure audit readiness and onboarding efficiency.
- Received the Helping Hand Award for ensuring uninterrupted production continuity during high-volume reporting cycles.

Amazon   **November 2020 – April 2021**
Quality Associate (Catalogue)   **India**

- Performed manual and automated testing of web applications to ensure compliance with functional requirements and Amazon's quality standards, improving application stability.
- Developed and executed test plans and scripts and coordinated with cross-functional teams to validate fixes and ensure seamless product releases.
- Tested and validated Python scripts used for automated catalog updates and data-processing workflows, ensuring data accuracy and reliability.

JB Incorporated   **January 2018 – November 2020**
Software Engineer   **India**

- Designed and delivered full-stack features for company and client-facing web applications using Java (Spring Boot, J2EE, REST APIs) on the backend and React, Angular, and Next.js on the frontend to build secure, scalable, and high-performance solutions.
- Developed reusable UI components and interactive dashboards, integrating RESTful APIs and ensuring consistent UX across multiple projects improving navigation speed and reducing page latency.
- Implemented lightweight Supabase/Firebase-style data services to accelerate feature prototyping and enable faster API-driven integrations during MVP development cycles.
- Introduced test automation pipelines using JUnit and Mockito, enabling parameterized API testing and cutting post-release defects by 25%.
- Optimized database performance for Oracle and PostgreSQL, tuning queries, indexing, and resolving JVM memory and multithreading bottlenecks, resulting in significant performance gains for high-traffic modules.
- Collaborated directly with clients and product designers to gather requirements, present demos, and iterate on feedback ensuring timely, high-impact deliveries in a fast-moving startup environment.
- Documented APIs, release guidelines, and reusable templates, reducing onboarding time for new developers by 40% and improving cross-team consistency.

PROJECTS

Developer Productivity Analytics Platform:
Tech Stack: Java, Spring Boot, Hibernate, REST API, SQL, JavaScript, Angular, React.js, HTML5, CSS3, PostgreSQL, Redis, Prometheus, GitHub Actions, Docker
- Engineered a full-stack analytics platform to measure developer performance metrics (DORA, CI/CD health, code frequency) by integrating data from GitHub, Jira, and build pipelines, improving engineering visibility and sprint planning efficiency.
- Developed scalable REST APIs in Spring Boot for aggregating commit, deployment, and issue-tracking data, and designed a React.js dashboard that visualized real-time productivity insights with dynamic charts and filters.
- Implemented Redis caching for high-speed API responses and Prometheus-based monitoring for build and release pipeline health tracking; automated deployment with GitHub Actions and Docker, ensuring a production-ready, cloud-deployable setup.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript/TypeScript, Python, SQL, Node.js, C# (familiar)
- **Backend & Frameworks:** Spring Boot, Spring MVC, Spring Cloud, Spring Data JPA, Hibernate, Microservices, RESTful APIs, GraphQL, JWT/OAuth2/OIDC
- **Frontend:** Angular, React.js, Next.js, HTML5, CSS3, Bootstrap, WebSockets, Accessibility (WCAG), PrimeNG/Kendo (familiar)
- **Cloud & DevOps:** AWS (EC2, S3, RDS, Lambda, ECS, CloudFormation), GCP, Jenkins, GitHub Actions, Docker, Kubernetes, Terraform, Infrastructure as Code (IaC), CI/CD Pipelines
- **APIs & Integrations:** API Gateway, Swagger/OpenAPI, JSON, XML, third-party API integrations
- **Databases & Storage:** Oracle (PL/SQL), PostgreSQL, MySQL, MongoDB, Redis, DynamoDB
- Messaging & Distributed Systems: Apache Kafka, RabbitMQ, Event-Driven Architecture
- **Testing & Automation:** JUnit, Mockito, Selenium, Postman, SoapUI, Testcontainers
- **Monitoring & Observability:** Amazon CloudWatch, Datadog, Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana), Splunk
- **Collaboration & Project Delivery:** Jira, Confluence, ServiceNow, Git (GitHub, Bitbucket), Agile/Scrum methodologies
- **Other**: SaaS Architecture, Cloud-Native Design, Domain-Driven Design (DDD), Secure Coding Practices, Performance Optimization

EDUCATION

Master of Science in Computer Science (GPA – 3.8/4)
University of Central Florida, Oviedo, FL

CERTIFICATIONS

Certifications: AWS certification – <u>AWS Certified Solutions Architect - Associate</u>

AWARDS

- Received multiple Step-Up Awards at Delta Dental for excellence, trust, and innovation, recognizing my contributions to security hardening, and collaborative delivery of broker portal enhancements. These awards reflect strong ownership, cross-functional teamwork, and impact on enterprise application quality and performance.
- Received Helping Hand award for providing extensive support for a record time at Equifax(Capgemini)