

Adam Abdulkadir

Software Engineer | Charlotte, NC

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SUMMARY

Software Engineer with experience building and supporting high-volume distributed backend systems using Java and Spring Boot. Skilled in microservices, REST APIs, messaging systems (RabbitMQ, Kafka), full-stack development (React, Angular), and CI/CD on AWS and Azure. Experience diagnosing production issues, remediating security vulnerabilities, refactoring legacy code, and contributing to enterprise platforms processing millions of messages daily in agile environments.

EDUCATION

George Mason University

B.S. in Information Technology | Minor in Business

Fairfax, VA

Aug 2017 – Dec 2023

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

CompTIA Security+

Microsoft Azure Fundamentals

Aug 2023

Jan 2023

Oct 2024

EXPERIENCE

Infosys (Client: Charter Communications/Spectrum)

Software Engineer Associate

Charlotte, NC

Mar 2025 – Present

- Contributed to UCC Hub, a large-scale customer communications platform processing millions of records per run across Email, SMS, RCS, and IVR channels using Java 21, Spring Boot, and a microservices architecture.
- Built and delivered Appointment Service as a standalone Spring Boot microservice, extracting tightly coupled logic from a monolith into a service handling technician dispatch, live GPS tracking, and appointment lifecycle management via REST APIs and RabbitMQ.
- Identified and resolved a production data access bug where a new channel introduction caused multi-row query conflicts, delivering a zero-downtime SQL fix validated against live production data across multiple edge cases.
- Remediated critical security vulnerabilities (Log4Shell CVE-2021-44228 and CVE-2022-22963) across 14 services by rebuilding Docker images, coordinating multi-environment deployments, and verifying fixes through Qualys scans.
- Reduced technical debt by removing unused Kafka, S3, file-processing, and batch components, streamlining service scope and improving application startup performance.
- Migrated legacy Spring @Value properties to structured YAML configuration with type-safe validation, integrating Spring Cloud Config and Kubernetes ConfigMaps across multiple environments.
- Wrote test documentation and SQL test scripts covering 6+ integration flows with database verification, log analysis, and edge case coverage; presented service demo to Director of Software Development.

Revature

Remote

Full Stack Developer

Jun 2024 – Mar 2025

- Built full-stack Employee Reimbursement System (ERS) using Spring Boot, React, PostgreSQL, and REST APIs with role-based access control (RBAC), secure authentication, and approval workflows.
- Designed and maintained backend APIs; integrated frontend components with backend services.
- Built and deployed applications via Docker/Jenkins CI/CD pipelines.

Global Association of Muslim Eritrean Communities (GAMEC)

Remote

Web Developer / Technical Lead

Aug 2023 – Jun 2024

- Designed and developed official nonprofit website using HTML, CSS, JavaScript, Figma, and Netlify, improving user engagement and accessibility.
- Managed ongoing updates, maintenance, and troubleshooting to ensure consistent performance and security.
- Researched emerging web technologies and recommended solutions to improve the organization's online presence.

Crocodile Solutions

Remote

Frontend Developer

Apr 2023 – Jul 2023

- Modernized legacy applications into responsive React and Next.js single-page applications, improving UI performance and user experience.
- Built performance-focused UIs using HTML, CSS, JavaScript, and Material UI; integrated with backend REST APIs.
- Collaborated with backend engineers to align frontend-backend contracts and minimize integration issues.

TECHNICAL SKILLS

Backend: Java, Java 21, Spring Boot, Spring Batch, Spring Cloud, JDBC, Kafka, RabbitMQ

Frontend: Angular, TypeScript, React, JavaScript, HTML, CSS, Material UI, Next.js

Databases: MariaDB, PostgreSQL, Oracle SQL, SQL Server

Cloud and DevOps: AWS, CloudWatch, Pinpoint, S3, Azure, Docker, Kubernetes, Jenkins, CI/CD, GitLab CI

Tools: Git, GitHub, GitLab, Gradle, Maven, IntelliJ, VS Code, Postman, Splunk, Figma, Tableau

Methodologies: Microservices, Event-Driven Architecture, RESTful API Design, Object-Oriented Programming, Agile, Scrum