

Robert Oliver, Jr.

SOFTWARE ENGINEER · IDENTITY & ACCESS MANAGEMENT

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TECHNICAL SKILLS

LANGUAGES & FRAMEWORKS

JavaTypeScriptAngularSpring Boot

IDENTITY & SECURITY

Spring SecurityOAuth2 / OIDCSAMLMFAForgeRock IDM

DATA & APIS

REST APIsMySQL

INFRASTRUCTURE & DEVOPS

DockerAWSKubernetesAzure CI/CD

Full-stack engineer building a global zero-trust CIAM platform (Angular + Spring Boot) that secures a multibillion-dollar enterprise. Depth in secure authentication, OAuth2/OIDC, MFA, and REST APIs. B.C.S. Software Engineering, cum laude, and M.S. Computer Science (Software Engineering).

EXPERIENCE

- 2022 — Present
- Junior Full Stack Developer · IT Business Operations Analyst
- Deloitte DTTL · Dallas, TX
- Engineered and maintained Angular components and Spring Boot microservices powering authentication, session handling, and token processing for a global CIAM platform serving millions of users.
 - Partnered with developers to remediate DAST/SAST and Snyk findings ahead of every production release, hardening the platform against security vulnerabilities.
 - Coordinated feature rollouts across ForgeRock IDM, Kubernetes/AWS infrastructure, Azure CI/CD, and security teams, sustaining 100% platform uptime through release cycles.
- Summer 2021
- IT Business Operations Analyst, Intern
- Deloitte Global · Chicago, IL
- Drove end-to-end testing of MuleSoft-backed APIs and validated federation flows with SAML/OAuth partners.
 - Verified authentication and MFA behavior across environments; documented defects and acceptance criteria.

PROJECTS

TesseraApp — Full-Stack Identity & Access Management (CIAM) Platform tesseraapp.dev

Angular 21 · Spring Boot 4 · Java 21 · Spring Security · MySQL · JWT · Docker · GitHub Actions

- Architected a full-stack CIAM platform on a hybrid zero-trust model: stateless HMAC-SHA512 JWTs backed by a stateful refresh-session store enabling instant revocation, "log out everywhere," and refresh-token rotation with family-wide reuse detection.
- Built in-house RFC-6238 TOTP MFA (authenticator QR enrollment, hashed recovery codes) and OAuth2/OIDC federation across Google, GitHub, and Microsoft over org-scoped, permission-based RBAC; hardened with BCrypt-out, enumeration-safe login, and device/IP audit logging, and shipped via multi-stage Docker +

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Luv2Shop — Full-Stack E-Commerce Platform

Angular 21 · Spring Boot 4 · Java 21 · MySQL · Stripe · Okta OIDC · Docker

- Built a full-stack store (Angular 21 standalone + Spring Boot 4 REST API) with product catalog, keyword search, category filters, and server-side pagination.
- Implemented a reactive checkout with Stripe payment intents and Okta OIDC-protected order history, secured by Spring Security as an OAuth2 resource server.

EDUCATION

M.S. Computer Science (Software Engineering)	2026
Lewis University · GPA 3.94	
B.C.S. Software Engineering (cum laude)	2020
Lewis University	

ACHIEVEMENTS

Carey Gillespie Scholarship	2018–2020
Lewis University	
MIVA All-Academic	2018–2020
Mountain-Interscholastic Volleyball Association	