RANDY DE LEON

Senior Full Stack Engineer

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PROFESSIONAL SUMMARY

Senior Software Engineer with 15+ years of experience building and modernizing enterprise web applications, APIs, and cloud-based systems. Hands-on across React, Next.js, Angular, TypeScript, JavaScript, Node.js, Python/FastAPI, AWS, and Azure, with experience owning solutions from technical design through deployment and production support. Known for modernizing legacy platforms, designing secure integrations, improving engineering quality, and providing technical leadership through architecture, mentoring, and code reviews.

CORE TECHNICAL SKILLS

Full Stack: React, Next.js, React Native, Angular, TypeScript, JavaScript, Node.js, Python, FastAPI, C#

Cloud & DevOps: AWS, AWS CDK, ECS, Fargate, Lambda, S3, Secrets Manager, Azure, Azure DevOps, GitHub Actions, Docker, NGINX, CI/CD

Architecture & APIs: REST APIs, microservices, event-driven systems, system integration, identity & access management, solution design

Data & Quality: PostgreSQL, DynamoDB, MongoDB, Cypress, Cucumber, Jest, React Testing Library, Checkmarx

AI Engineering: OpenAI, Anthropic Claude, Google Gemini, MCP tools, RAG, structured outputs, AI-assisted development

PROFESSIONAL EXPERIENCE

Symetra Financial | Bellevue, WA October 2011 - Present

Senior Software Engineer I

- Serve as a hands-on technical lead across cross-functional initiatives, translating business needs into technical solutions, evaluating API and system constraints, reviewing designs and pull requests, and mentoring engineers.
- Modernized and rebuilt legacy Java-based enterprise administration tools using Angular and TypeScript, achieving feature parity while eliminating recurring production defects associated with the legacy application.
- Build and support modern web applications and backend services using React/Next.js, Angular, Node.js, and Python/FastAPI, integrating frontend experiences with enterprise systems and APIs.
- Extended a modernized administration platform with bulk-user onboarding through file uploads, creating a scalable workflow designed to support onboarding and administration for tens of thousands of users.
- Built an end-to-end self-service verification solution using Angular and Python/FastAPI, integrating existing systems to streamline exception handling and eliminate a secondary support dependency.
- Collaborate on AWS architecture and infrastructure using AWS CDK, including containerized services on ECS and Fargate, proxy APIs, deployment pipelines, Lambda, S3, Secrets Manager, Docker, and NGINX.
- Design secure identity and access workflows using SSO, OAuth, Ping Identity, Azure AD, role-based authorization, and secrets management across enterprise applications.
- Built reusable Azure DevOps deployment patterns and coordinate production releases, validation, smoke testing, and operational readiness across environments.
- Designed the initial reusable Cypress automation framework and contribute to automated testing with Cypress, Cucumber, Jest, and React Testing Library.
- Create technical decision records, disaster recovery plans, release documentation, engineering standards, onboarding guides, and team wiki content to improve resilience and knowledge sharing.

INDEPENDENT PRODUCT ENGINEERING

RVD Systems LLC / DriveReadyGo

Founder & Principal Software Engineer | Independent Product

- Own end-to-end product architecture and engineering for DriveReadyGo, a production iOS and Android application for supervised driving practice, including mobile experiences, cloud systems, APIs, subscriptions, account roles, and app-store releases.
- Built product capabilities for practice-drive tracking, notes, skills and progress, multi-adult supervision, PDF driving-record exports, and coaching insights.
- Manage product delivery across architecture, implementation, integration, release, and ongoing production iteration for a consumer mobile product.
- Through RVD Systems, design and build focused business software, integrations, and workflow automation across mobile, web, cloud, and internal business systems.

SELECTED ENGINEERING CONTRIBUTIONS

- Application modernization: Replaced legacy enterprise administration workflows with modern web applications and APIs while preserving business-critical behavior and improving maintainability.
- Cloud delivery: Implemented infrastructure-as-code, containerized services, deployment pipelines, secrets management, and production release practices across AWS and Azure tooling.

- Security & identity: Delivered secure authentication, authorization, SSO, identity verification, and administrative workflows for enterprise users and internal teams.
- Engineering quality: Established reusable test automation, code-review practices, technical documentation, and operational procedures supporting reliable production delivery.
- AI-assisted engineering: Build and use local AI agents and reusable MCP-based tools to support technical research, debugging, documentation, and workflow automation.

EDUCATION

Renton Technical College - Associate of Applied Science (A.A.S.), Computer Science - Honors