

DARREL KENT

Senior Software Engineer & Tech Lead

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SUMMARY

Senior Software Engineer and Tech Lead who designs and ships AI-powered products end-to-end — from UI to autonomous agent. Recently promoted to set technical direction and lead Agile delivery for an LLM DIY Will agent on AWS AgentCore in partnership with the CTO. Fast, decisive, and product-minded: fluent in TypeScript / Next.js and Python, and equally at home in cloud architecture and hands-on implementation. Proven 0-to-1 builder who turns ambiguous problems into shipped product.

SKILLS

Languages: Python, TypeScript, JavaScript, Ruby, Go, Java, SQL, Bash / Shell

AI & ML: LLMs, AWS Bedrock AgentCore (Strands agents), OpenAI GPT-4, RAG, predictive modeling, ML model training

Frameworks & Libraries: React, Next.js, Node.js, Express.js, Redux, Ruby on Rails, Flask, GraphQL, TailwindCSS, Prisma, React Native (Expo)

Cloud & Infrastructure: AWS (Lambda, CDK, Textract, API Gateway, DynamoDB, S3), Docker, Kubernetes, Helm, Terraform, Linux

Databases: PostgreSQL, MongoDB, Redis, DynamoDB, MarkLogic / XQuery

DevOps & Practices: CI/CD pipelines, Git / GitHub, Jenkins, Vercel, Heroku, API design & validation, unit / integration / E2E testing, microservices, distributed systems

Collaboration: Agile / Scrum, Jira, Confluence, Lucid, Miro, technical documentation, cross-functional leadership

EXPERIENCE

Software Engineer → **Senior Software Engineer & Tech Lead** 05/2025 – Present

WealthCounsel, LLC | Los Angeles, CA

- Promoted to Tech Lead: own technical direction, code quality, and Agile delivery — leading sprint planning, pre-grooming, and retrospectives — while continuing to ship as a senior individual contributor.
- Built and own a DIY Will agent powered by LLMs on AWS Bedrock AgentCore (Strands agent architecture), enabling self-service legal-document creation; partnered directly with the CTO on design and delivery.
- Architected and delivered an end-to-end image-to-text processing pipeline (AWS Lambda, CDK, Amazon Textract, API Gateway, Vite, TypeScript) that automated document-processing workflows.
- Built and iterated an AI-powered flowchart generator on a serverless AWS stack (Lambda, CDK, TypeScript) with continuous delivery.
- Led architecture redesigns migrating legacy on-premise services to cloud-native serverless on AWS, improving scalability and performance while reducing operational overhead.
- Maintained and modernized legacy XQuery / MarkLogic applications, ensuring system reliability and data integrity across the platform.

Software Engineer 01/2025 – 05/2025

Incite, Inc. | Los Angeles, CA

- Built full-stack data-ingestion and analytics pipelines (Ruby on Rails, GraphQL) for real-time sports and financial data.
- Designed normalized PostgreSQL schemas with composite indexes and foreign-key constraints for performant, reliable data models.
- Implemented bulk import / upsert logic and rake tasks supporting high-throughput batch and real-time updates with strong data integrity.

Software Engineer 06/2022 – 02/2024

Dell Technologies | Los Angeles, CA

- Developed and scaled enterprise telecommunications infrastructure applications supporting a business line contributing \$9.3B in annual revenue.
- Led migration of a monolithic API system to a microservices architecture (Go, Kubernetes), reducing response times and improving maintainability.
- Automated Ubuntu OS deployment with BIOS and BMC attribute configuration, increasing deployment efficiency by 20%.
- Hardened system security by remediating CVEs in Docker containers and resolving Go vulnerabilities.

- Owned CI/CD pipeline work — pull requests, code reviews, and load / stress plus unit / integration / E2E testing.

Software Engineer 10/2018 – 06/2022

Cake Denim | Los Angeles, CA

- Built and optimized a scalable e-commerce platform (React, Next.js, TypeScript, Node.js), reducing deployment cycles by 75%.
- Optimized RESTful APIs (Node.js, PostgreSQL), cutting response latency by 30% and improving database query efficiency.
- Implemented secure authentication, identity management, and transaction processing aligned to industry security standards.
- Designed relational schemas (PostgreSQL) that improved retrieval efficiency and powered marketing personalization, lifting user engagement by 40%.
- Implemented an automated CI/CD pipeline (AWS, Docker, Kubernetes) for smooth, repeatable releases.

PROJECTS

Flora — AI Fertility Coach (2025)

- Mobile-first AI fertility and wellness coaching app built from blank Figma to production: React Native (Expo), TypeScript, Supabase (PostgreSQL), and OpenAI GPT-4. Features cycle-synced nutrition / fitness plans, a real-time AI assistant chat, push notifications, offline support, and Row-Level Security for data privacy.

Simple Build Server for C Programs (2024)

- Proof-of-concept build server and artifact repository for C programs (Python, Flask) supporting registration and independent builds of multiple programs.

EDUCATION

Master of Science, Computer Science 01/2020 – 05/2022

Northeastern University | San Francisco, CA

- GPA 3.74.

Bachelor's Degree, Biochemistry 08/2005 – 12/2012

University Of Oklahoma | Norman, OK

CERTIFICATIONS

- AWS Certified Developer – Associate
- Supervised Machine Learning: Regression and Classification
- Kubernetes and Go (LinkedIn); Yellow Belt Security Training

LEADERSHIP & MENTORSHIP

- Foundations of Artificial Intelligence — Teaching Assistant: designed course content and assignments to facilitate classroom discussion.
- Dell Summer Intern Mentor: guided an intern to ship contributions on key projects and develop core engineering skills.
- Women Who Empower — Innovator Awardee and technical project advisor.