Erica Thompson

SENIOR SOFTWARE ENGINEER

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ABOUT ME

I'm a senior software engineer with 12+ years of experience solving complex problems, scaling systems, and mentoring engineering teams.
I specialize in building SaaS platforms and cloud-native solutions across frontend, backend, and infrastructure, with a deep passion for leading high-impact projects.
My expertise spans React, TypeScript, Node.js, AWS, and serverless systems. I thrive in environments where user outcomes, performance, and mentorship intersect.

PROFESSIONAL EXPERIENCE

Senior Software Engineer   Wagmo | Remote | Feb 2022 – Dec 2024

- Delivered a B2B multi-pet onboarding system, increasing revenue by $1.2M annually.
- Built and scaled a custom CMS that cut engineering bottlenecks by 35% and accelerated campaign launches by 20%.
- Reduced claim processing time by 30%, saving $40K annually while improving user satisfaction.
- Led accessibility efforts achieving 95% WCAG 2.1 compliance, mitigating $ 50K+ in legal risks.
- Contributed to product strategy, compliance updates, and scalability efforts that supported $8.9M in VC funding.

Engineering Lead (Founder, Contract-Based) Windless Technologies | Remote | Jan 2025 – Present

- Lead a remote team of 5 engineers delivering internal tools and client-facing applications across web and mobile platforms
- Manage code reviews, architectural decisions, and sprint execution to ensure scalable, high-quality engineering output
- Built CI/CD pipelines, documentation standards, and reusable component libraries to support fast-moving async teams
- Guide system design, technical strategy, and product roadmaps across multiple concurrent projects
- Spearheaded the Bridge Program to give emerging engineers experience contributing to real-world codebases and delivering production-ready features on real deadlines

Senior Software Consultant   Nashville Software School | Remote | Jan 2024 – Present

- Delivered full-stack engineering curriculum and mentored 30+ students in React, Django, and DevOps best practices.
- Conducted mock interviews and technical coaching, helping 40% + of students land engineering roles within 6 months.

Cloud Infrastructure Engineer   **Skillz | Remote | 2021**

- Built automation tools with Terraform and Golang that eliminated 100% of manual onboarding steps.
- Led containerization and Kubernetes deployments, improving system scalability and developer experience.
- Integrated observability tools (Datadog, New Relic, PagerDuty), reducing incident response time by 40%.

Software Engineer   **Confidential Government Health Agency | Remote | 2022**

- Built a centralized vaccine provider portal, reducing manual processing time by 50% and improving data accuracy.
- Delivered dashboards and order systems that accelerated vaccine delivery and saved $100K+ in manual efforts.

Lead Web Developer   **Hype Media | Remote | 2016 – 2019**
- Led a frontend team to deliver custom web solutions using JavaScript and modern content management systems for small businesses.

Technical Career Strategist & Mentor   **Veterati | Remote | 2019 – 2024**
- Mentored 100+ veterans and spouses, helping over 80% transition successfully into tech and engineering careers.

Senior Engineering Mentor   **We Who Code | Remote | 2019 – 2023**
- Delivered federal tech training programs, building a pipeline that supported 500+ career transitions into engineering.

CERTIFICATIONS
- AWS Solutions Architect – Associate (In Progress)
- Certified Salesforce Developer

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, Flutter, HTML, CSS
Backend: Node.js, Django, Python, Golang
Databases: PostgreSQL, DynamoDB, MongoDB, Firebase
DevOps & Cloud: AWS, Lambda, ECS, Terraform, Docker, Kubernetes, CI/CD
Testing & Monitoring: Jest, Cypress, GitHub Actions, New Relic, DataDog, ELK, Sentry
Accessibility & Security: WCAG 2.1, Penetration Testing, GDPR

EDUCATION
Bachelor of Science in Computer Science – Western Governors University

Associate of Science in Information Technology – Hopkinsville Community College

ENGINEERING HIGHLIGHTS

DevSync – Full-Stack DevOps Platform

End-to-end infrastructure automation and monitoring platform built with React, Next.js, TypeScript, Node.js, and Implements CI/CD (GitHub Actions), secrets management (Vault), container orchestration (Nomad/Kubernetes)
github.com/Younique98/devsync

Base Link – Military Rideshare Platform

Secure rideshare platform built with Next.js 14, TypeScript, and Firebase, designed exclusively for verified milita Features ID.me authentication, Google Maps integration, military base geofencing, and advanced security proto
github.com/Younique98/military-rideshare

Concierge Rating System

Modular 5-star review platform built with React, Next.js, TailwindCSS, and React Query.

Features API-driven review management, lazy loading, skeleton loaders, optimistic UI, and extensive testing wit Designed for high scalability and seamless performance.

github.com/Younique98/concierge-rating-system