

ZAYNE LOVECRAFT

Software Engineer III

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PROFESSIONAL SUMMARY

Software Engineer III with 6+ years of experience architecting and scaling high-traffic web applications in React, Next.js, and TypeScript. Proven track record on enterprise eCommerce platforms—leading state architecture, runtime infrastructure, CI/CD release pipelines, and observability while serving as platform Code Owner. Known for resolving critical production incidents under pressure, driving technical standards across teams, and mentoring engineers across experience levels.

TECHNICAL SKILLS

Languages & Core: TypeScript, JavaScript (ES6+), HTML5, CSS3

Frontend & Architecture: React, Next.js (App & Pages Router, SSR, Middleware), Zustand, Redux, Tailwind CSS, Storybook

Testing & Quality: Playwright (E2E), Vitest, Unit & Integration Testing, CI Quality Gates, Code Ownership & PR Reviews

Infrastructure, Observability & Tools: Docker, CI/CD (GitHub Actions), New Relic, Redis, HashiCorp Vault, RESTful APIs, Git, Agile/Scrum

PROFESSIONAL EXPERIENCE

McDonald's Corporation — Online Web Ordering Team (GWA Platform)

Remote

Software Engineer III

February 2026 – Present

- **Platform Architecture & Runtime Strategy:** Led major architectural overhaul of environment variable delivery, introducing server-injected client-side runtime configuration across the Global Web Application (GWA) to eliminate per-environment rebuilds and reduce deployment friction across global markets.
- **State & Cart Architecture:** Architected and built the GWA shopping cart from the ground up using Zustand, designing a modular, testable state layer supporting complex item customization, choice upcharges, totalization, and resilient UI error recovery.
- **Observability & Release Engineering:** Drove New Relic integration to expand system-wide telemetry and logging; partnered with DevOps to harden CI/CD pipelines with automated Storybook build verification and Mailinator-backed Playwright E2E test suites.
- **Technical Leadership & Code Ownership:** Serve as platform Code Owner conducting daily PR reviews and driving Next.js architectural standards (scalable routing, global error boundaries, standardized error handling).
- **Documentation & Engineering Mentorship:** Lead co-located documentation infrastructure, authored the GWA developer onboarding and QA guides, and mentor engineers (including C/C++ engineers transitioning to React/Next.js) through hands-on exercises and pairing.

Software Engineer II

February 2024 – February 2026

- **Session, Auth & Token Infrastructure:** Implemented session management, GMA session refresh, and authorization synchronization between server middleware and client state; introduced basic-token caching and refactored global Vault access to cut token-manager load and eliminate silent failures.
- **Geospatial Store Locator & Search:** Built the store locator experience from scratch integrating Google Maps and multi-API orchestration for real-time store discovery; upgraded GMAL store search to a more resilient endpoint with distance sorting and filtering.
- **Production Incident Response:** Rapidly diagnosed and shipped high-priority fixes for critical ordering blockers—resolving a 24-hour store ordering outage and unblocking mobile orders when store-specific configuration flags were disabled.
- **Developer Experience & Unblocking:** Resolved team-wide Zscaler and Vault token retrieval failures blocking local development, and partnered on backlog grooming and technical debt prioritization.

VEGAS.com

Las Vegas, NV

Software Engineer

May 2022 – March 2024

- Built high-converting customer-facing features for the eCommerce travel and ticketing platform using React, JavaScript, and modern CSS.
- Contributed to migrating the legacy Java booking platform to a modern microservices architecture with zero disruption to checkout flows.
- Partnered with product designers and backend engineers to design and integrate RESTful APIs, ensuring reliable data flow across services.
- Refactored legacy frontend modules and standardized modern component patterns to improve long-term maintainability and developer velocity.

Self-Employed

Remote

Freelance Software Engineer

February 2020 – March 2022

- Architected and delivered custom full-stack web applications for eCommerce, content management, and SMB clients across the full SDLC.
- Engineered real-time features, role-based authentication, and database workflows using Next.js, React, TypeScript, and Supabase.
- Built reusable component libraries documented with Storybook to accelerate delivery and enforce UI consistency across client projects.

EDUCATION

Paradise Valley Community College — Computer Science Coursework

Phoenix, AZ | 2015 – 2017