ELIZABETH STEIN

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PROFESSIONAL SUMMARY

Full-stack engineer and Director of Software Engineering at CyberReady Clinic, where I am the sole developer on a Dynamics 365 / Power Platform security-readiness platform in production and the Next.js apps around it, now consolidating them into one operations portal. Concurrent Software Engineering Intern at Rocket Park, a Craft CMS agency, where I lead development on Rocket Vitals, its website QA product. Previously led a team of 3-4 developers across Flo Labs' 6-site Next.js ecosystem. B.S. in Information Technology, Software Development (Capella, 2026), Summa Cum Laude, 3.98 GPA. Won the Algolia Agent Studio Challenge ($750) with TimeSlipSearch and the DEV GitHub Finish-Up-A-Thon with Trace. I publish to npm, write MCP servers, and build observability in Rust.

TECHNICAL EXPERTISE

Languages & Frameworks: TypeScript, JavaScript, React 19, Next.js 16, Node.js, Python, Java, Spring Boot, Rust
Microsoft Power Platform: Dynamics 365, Dataverse, Power Apps Canvas, Power Automate, Azure AD / MSAL, m365 and pac CLIs, solution ALM
Frontend & Design: Tailwind CSS, Three.js, WebGL, GSAP, Craft CMS, Twig, Figma, Component Architecture, Accessibility (WCAG 2.1)
AI & Integration: Claude / Anthropic API, OpenAI, Google Gemini, Vercel AI SDK, MCP (Model Context Protocol), RAG pipelines, Algolia Agent Studio, Hugging Face
Backend & Data: PostgreSQL, Supabase, Neon, SQLite, Redis, Drizzle, Prisma, Better Auth, Firebase, MongoDB
Infrastructure & Testing: Vercel, Railway, Docker, GitHub Actions, Playwright, Vitest, Sentry, Langfuse, Inngest, Trigger.dev
Leadership & Process: Agile/Scrum, Technical Mentorship, Architecture Planning, Code Review, CI/CD

PROFESSIONAL EXPERIENCE

Director of Software Engineering | September 2025 - Present

CyberReady Clinic

- Sole developer since June 2026 on a cybersecurity readiness assessment built on Dynamics 365, Power Platform, and Dataverse and live in production
- Delivered its 12 implementation phases (with a second developer through June 2026): Dataverse data model, Power Automate orchestration, Power Apps Canvas front end, and solution packaging for promotion across environments
- Own production deployments and the solution ALM pipeline, including the fixes that restored automated promotion to production
- Built the CRC lead-generation platform on Next.js 16, React 19, Drizzle, Neon Postgres, Better Auth, and Azure AD (MSAL) on Vercel, including a live executive intelligence dashboard
- Shipped the mentor application and partner intake flows (live July 2026), then built the client, practitioner, and mentor portals with agreement e-signature, cohort management, and alumni features, consolidating separately deployed apps into one Next.js operations portal
- Wired Power Automate callbacks into Dataverse so the CRM stays the single source of truth

Software Engineering Intern | September 2025 - Present

Rocket Park

- Lead development on Rocket Vitals, the agency's website QA product: a scanner that crawls sites and runs 385+ checks across accessibility, performance, SEO, security, and more

- Worked on Craft CMS version upgrades, plugin updates, and infrastructure improvements across 11 client sites
- Built an MCP (Model Context Protocol) server wrapper that lets AI assistants query and work with Craft CMS content directly
- Translate Figma designs into production Craft templates using Twig, Tailwind CSS, and modular components
- Standardized the Craft project-config CLI workflow so content-model changes are traceable in version control

Design Team Lead & Software Engineer | September 2024 - January 2026

Flo Labs (formerly Flomad Labs R&D)

Led technical strategy and development for 6 production sites serving AI and robotics ventures, educational programs, and research initiatives. Managed a cross-functional team of 3-4 developers, WordPress specialists, and SEO interns.

- Architected and deployed a full redesign of the Flo Labs web ecosystem (flolabs.international, flolabsrd.com, CAIPO.ai, FloStudios.ai, MoodChanger.ai, RoboCollective.ai) on React/Next.js with a unified design system
- Led the AI Travel Planner (Spring Boot backend, Next.js front end) from proof of concept to production, refactoring 100+ files into a scalable architecture
- Designed 22+ specialized AI prompt systems and 18+ AI functions for multi-modal travel planning
- Built the testing infrastructure: 270 frontend tests and 12 backend tests, with CI/CD practices to match
- Brought Strapi CMS and Railway into the production sites
- Mentored 3+ developers and designers through code reviews and technical guidance

Software Engineer | August 2024 - November 2024

Sirius

- Planned, designed, and helped implement scheduling, payroll, and check-in features for the Wisdom workforce mobile app (React Native)
- Improved time-tracking reliability and reduced user-reported issues through systematic testing and debugging

EDUCATION

Bachelor of Science in Information Technology | Conferred March 2026
Specialization: Software Development | Concentration: Web Development
Capella University | GPA: 3.98/4.0
Honors: Summa Cum Laude · University Honors Pathway · Dean's List (All Quarters)

SELECTED PROJECTS

TimeSlipSearch: Winner, Algolia Agent Studio Challenge ($750 + DEV++ membership, March 2026). Conversational AI agent over 420,000+ pop-culture records from 1958-2020. Featured by DEV Community.

Trace: Winner, DEV GitHub Finish-Up-A-Thon (July 2026). Turns a screenshot into a runnable, editable React component. Gemini 2.5 Flash maps the layout onto a shadcn-style catalog and tags each part with how confident it was; axe-core scores accessibility.

Specter: npm CLI (@purplegumdropz/specter, release 1.1.1). 73 CLI commands on main and 14 MCP tools for Claude Desktop. Code archaeology, bus factor analysis, dead code detection, complexity hotspots, and impact analysis, narrated with AI-powered context.

Chronicle: Local-first AI agent observability platform in Rust (Axum + SQLite + React 19). Semantic-caching OpenAI proxy that cuts repeat-call costs. MCP integration enables natural-language trace queries.

Personaudit: Accessibility scanner on npm (personaudit) and at personaudit.com. Crawls an app, including pages behind a login, runs axe-core at every state it reaches, and gates CI only on new defects.

elizabethannstein.com: Editorial developer portfolio of 89 projects, with an opt-in 3D explorer. Built with Next.js 16, Three.js, GSAP, Playwright e2e, and Vercel.