

STERLING CHAPMAN

SOFTWARE
ENGINEER

CONTACT

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SUMMARY

Full-stack Software Engineer and Applied AI developer shipping production web apps and e-commerce platforms with JavaScript/TypeScript, React/Next.js, Node.js, and cloud services. I bring end-to-end product thinking, strong UX instincts, and a product first mindset to every build.

SKILLS

Languages & Technologies:

JavaScript, HTML, CSS, Node.js, Express.js, TypeScript, Python

Frameworks & Libraries:

React, React Native, Bootstrap, Tailwind, Next.js, PyTorch, FastAI

Tools & Platforms:

Git, GitHub, VS Code, Figma, MongoDB, PostgreSQL, Supabase, Cursor, Vercel, AWS Lightsail, Route 53, CloudWatch, AWS (EC2, S3, Lambda, SQS, DynamoDB) Azure

WORK EXPERIENCE

Resilient Coders

Software Engineer - Applied AI

Boston, MA

September 2025 — Present

- ♦ Engineered and deployed a multimodal AI-powered tutoring system (code hints, guided help, analytics) with Next.js/TypeScript, Supabase, and PyTorch/fastai.
- ♦ Developed and wrote coding demonstrations to illustrate "what good looks like" in AI-generated code, setting benchmarks for quality and efficiency.
- ♦ Delivered sprint milestones over 10+ iterations: implemented authentication, wired up AI inference, tuned database queries, and reduced token spend 18% through prompt + context optimization.

Software Engineer - Full Stack

January 2025 — September 2025

- ♦ Designed and deployed a full-stack social platform, implementing user authentication, AI Models integration and databases for media and user content. Resulted in 200 interactions within two weeks of testing.
- ♦ Refactored backend logic in Node/Express and improved error handling, boosting API reliability and reducing failure rates in prod.
- ♦ Built back-end systems, authentication and database or a safe routing platform for underserved communities in the Boston and Philadelphia area. Garnering over 300+ active users in its alpha stage - [Website](#)

TS Standard Inc.

Full Stack Web Developer

Remote

September 2023 — Present

- ♦ Delivered 20+ web projects for small businesses, including e-commerce stores, custom CMS dashboards, and SEO-optimized landing pages, driving up to 2x more user traffic and conversions.
- ♦ Streamlined e-commerce and banking data aggregation, reducing manual work by 40%, by building Node.js/Express services with PostgreSQL and Google Cloud Functions, integrating Shopify APIs and managed secrets.

Project Kompass

Software Engineer

Lowell, MA

February 2023 — November 2024

- ♦ Developed a lightweight internal app to manage 150+ residence and internal notes, improving transition success rate tracking efficiency by 60%. Helping young women secure housing, essential life skills, and parenting support.
- ♦ Deployed and configured a production website on AWS Lightsail (Ubuntu + Nginx/Apache), cutting spin-up time from hours to minutes via reusable instance blueprints and snapshots. - [Website](#)
- ♦ Implemented Route 53 DNS with A/AAAA and ALIAS records for root/apex; reduced DNS propagation issues and simplified multi-environment routing.

Liv. Sterling

Founder and Lead Designer

Boston, MA

February 2019 — September 2024

- ♦ Led design-to-delivery production cycles for 100+ SKUs, managing manufacturing timelines, producing collections featured in national retailers like Urban Outfitters, growing brand visibility by 250%.
- ♦ Built and maintained the brand's e-commerce site, managing cross-functional partnerships with vendors and creatives, resulting in a +40% delivery turnaround time.