

Kady A. Farrell

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S U M M A R Y

Software developer with a B.A. in Computer Science and hands-on experience building production web applications, e-commerce platforms, Python automation tools, and API integrations. Writes clean, maintainable code in JavaScript, React, Python, and SQL. Strong design sensibility and a track record of shipping real products.

T E C H N I C A L S K I L L S

Languages: JavaScript (ES6+), Python, SQL, PHP, Java, HTML, CSS

Frameworks & Libraries: React, Tailwind CSS, Shopify Liquid, Node.js

APIs & Integrations: Google Maps API, Gemini API, Shopify Storefront API, REST APIs

Tools: Git, GitHub, VS Code, Figma, Shopify, Microsoft Suite

Familiar: *TypeScript, C, C++, C#*

P R O J E C T S

Developer, The Dog Bone LLC

- Built a custom Shopify e-commerce storefront, developing 20+ bespoke Liquid sections with embedded React components for product interaction, filtering, and checkout flow.
- Architected a design system with tokenized color palettes, responsive breakpoints, and reusable component patterns for long-term maintainability.
- Developed a product recommendation engine with a custom scoring algorithm and built animated product showcases using layered CSS and JavaScript.
- Integrated React via CDN into Shopify's theme editor, enabling non-technical content management without compromising custom functionality.

Developer, Aki Trading Post

- Built and deployed a full e-commerce platform from scratch supporting Abenaki Native American cultural preservation and artisan craftsmanship.
- Own the technical stack end-to-end: site architecture, product catalog, payment integration, and ongoing feature development.

Python Automation & Tooling

- Built an event-driven automation pipeline integrating screen capture, OCR, and the Gemini API with a user confirmation workflow, retry logic, and desktop notifications.
- Developed a product data automation system that processes and formats e-commerce inventory sheets, eliminating manual data entry across large product catalogs.
- Built a Python web scraper to programmatically extract and download image assets from live websites for content migration and archival.

Open-Source Work — github.com/k-a-d-y

- Web applications, UI prototypes, and data processing scripts demonstrating full-stack development and front-end engineering patterns.

E X P E R I E N C E

Veterinary Assistant, Glastonbury Veterinary Hospital — Glastonbury, CT

March 2020 – Present

- Provide on-site technical support: troubleshoot network and device issues, maintain EMR systems (Cornerstone), and optimize internal software workflows.

- Perform skilled clinical procedures including jugular and cephalic venipuncture, diagnostic radiograph positioning, and in-house laboratory diagnostics (CBC, chemistry panels, urinalysis).
- Manage scheduling systems, medical records, and billing data with high accuracy across a multi-doctor practice.

Assistant Manager, Dairy Queen — South Windsor, CT

January 2016 – January 2021

- Managed a 15-person team including hiring, training, scheduling, and daily operations while maintaining service quality at 150+ customers per shift.
- Oversaw financial operations, POS systems, and inventory; administered social media to increase brand visibility.

E D U C A T I O N

Bachelor of Arts in Computer Science

University of Hartford, West Hartford, CT — May 2023

Dean's List | Coursework: Software Development, Web Development, Computer Networks, Data Mining, Architecture & Assembly Language