

# Kady A. Farrell

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## S U M M A R Y

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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

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**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

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### **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](https://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

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### **Veterinary Assistant, *Glastonbury Veterinary Hospital*** — Glastonbury, CT

*March 2021 - 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 2020*

- 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.

## **EDUCATION**

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### **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