

Robert Spears

FULL-STACK DEVELOPER

Diamond Springs, CA | (530) 957-8902 | robertspears40@gmail.com

StageInv project: <https://robert-spears.pages.dev/stageinv.html>

Full-stack developer building web applications with Python, Django, and JavaScript. Combines a backend focus on reliable data handling and performance with a strong interest in responsive design, smooth interactions, and intuitive workflows. Independent application development experience since 2023, with prior freelance Shopify work.

TECHNICAL SKILLS

Front end: HTML, CSS, JavaScript, asynchronous JavaScript, Tailwind CSS, HTMX, responsive design

Back end: Python, Django, PostgreSQL, Django ORM, REST API integrations, middleware, atomic transactions

Tools and services: Git, DigitalOcean, Cloudflare, Neon, Sentry, Stripe, Azure

DEVELOPMENT EXPERIENCE

StageInv - Founder & Full-Stack Developer

Independent project | 2023-Present

- Developed a Django inventory application with responsive mobile and desktop layouts, integrating REST APIs and handling asynchronous requests in JavaScript.
- Improved application responsiveness by tracing requests, optimizing database queries and connection reuse, and reducing network latency between services.
- Implemented user-scoped data access and atomic inventory transactions with database locking to address conflicting updates.
- Built interactive warehouse views using HTMX and JavaScript, preserving cart selections and interface state across partial page updates.
- Implemented HTML page preloading and animated navigation transitions, with interactive animations responding to user movement and surrounding interface changes.

Freelance Shopify Website Builder - Fiverr

2020-2023

- Delivered approximately 10 Shopify websites for small businesses, translating client requests into storefront layouts and content.
- Worked directly with clients to clarify requirements and incorporate feedback, earning exclusively five-star reviews.

ADDITIONAL EXPERIENCE

School IT Assistance

Informal support during high school

- Assisted school IT staff with computer setup and preparation for use.

Nest Home Staging - Staging Crew Member

Late 2022-August 2026

- Transported furniture, tracked item placement, and helped arrange furnishings and décor in staged homes.

Chick-fil-A - Customer Service Team Member

2021-2022

- Assisted customers and supported daily service operations.

EDUCATION

El Dorado High School - High School Diploma, 2020

Relevant coursework: AP Computer Science A; AP Computer Science Principles