

Elias Spector-Zabusky

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EXPERIENCE

Freelance Web Developer

Mar. 2024 – Present

Fiorelli Guitars

Remote

Built a custom, to-spec site with distinct client and admin portals for artisan guitar designer, [Fiorelli Guitars](#), using TypeScript, Next.js, PostgreSQL, Prisma, Tailwind CSS, Auth.js, and Vercel; enhancing site with new functionality.

- Designed and developed a customer-facing, responsive UI to effectively market products to customers; built a product photo gallery with click-to-expand images, utilizing Cloudinary's CDN for optimized image delivery.
- Developed an admin dashboard from scratch; implemented CMS using Prisma and PostgreSQL that enables site owner to manage site content and add, delete, and update guitar products displayed in customer-facing gallery.
- Integrated OAuth with Auth.js to secure admin portal, ensuring non-technical site owner can safely use CMS and manage and view customer data and messages directly on site.

Software Engineer

Sept. 2023 – Mar. 2024

Engage Partners

Remote

Designed, developed, and deployed features and custom versions for a Chrome extension that generates social media content using OpenAI's API ([Click2.ai](#)) with TypeScript, Node.js, React, Styled Components, and AWS.

- Reimplemented the core product in collaboration with founder, team of 4+, and UX designer; deployed [Political Scribe](#) with new sign-up UI and per-user configuration, attracting potential clients including national politicians.
- Developed reusable library functions and React components in TypeScript for dynamic, site-agnostic features, speeding up both future site integrations and to-spec business customizations by ~50%.
- Architected and implemented a serverless backend with AWS; used Cognito and Amplify for identity management and Lambda functions to allow for secure integration of key 3rd party services.
- Integrated Stripe-based payment processing into the backend architecture, enabling monetization of the product.
- Migrated OpenAI calls to GPT-3.5 Turbo and its more configurable multi-shot prompting API, increasing customer satisfaction with generated content by ~40%.
- Evaluated technical viability of new business domains, helping founder prioritize core product customizations.
- Organized code reviews and pair programming to nurture a cohesive team dynamic and a culture of code quality.

eCommerce and Web Services Manager

Nov. 2020 – Jan. 2023

Robin Baron Design

Remote (New York, New York)

Managed 8-10 freelancers and 12,500+ SKUs from ~40 vendors for an interior designer's eCommerce Shopify site. Project managed site growth in line with company roadmap. Wrote HTML and CSS to maintain and customize site.

Professional Musician

Nov. 2015 – Present

Freelance

New York, New York

Guitarist, producer, songwriter, and arranger for bands including [Stolen Jars](#), Pow Pow Family Band, and Goblynnne.

TECHNICAL SKILLS

Frontend: React, TypeScript, JavaScript, Next.js 14, Tailwind CSS, Styled Components, Chakra UI, HTML, CSS

Backend: Node.js, Python, Express.js, Flask, AWS, PostgreSQL, Prisma, MongoDB, Mongoose, GraphQL

Dev Tools: Jest, Insomnia, Git, GitHub, Figma, MS Excel

SELECTED PROJECTS

[Chattitude](#): WebSocket powered live-chat app. | [PT Timers](#): To-spec site for custom timers, powered by AWS.

EDUCATION

Brown University | Providence, Rhode Island

2011 – 2015

Bachelor of Arts in Theatre Arts and Performance Studies

Phi Beta Kappa | T. Carpenter Elocution Award

Columbia University | New York, New York

Jan. 2023 – Apr. 2023

Certificate in Full Stack Web Development

Harvard Business School Online

Feb. 2023 – Apr. 2023

Certificate in Business Analytics