Elias Spector-Zabusky

607-592-5831 | elias.spector.zabusky@gmail.com | Brooklyn, New York
 linkedin.com/in/elias-sz | github.com/ColdWeatherBoyy | www.eliassz.com/

EXPERIENCE

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 a few bands (Stolen Jars, Pow Pow Family Band, Goblynne, etc.).

TECHNICAL SKILLS

Frontend: React, TypeScript, JavaScript, Styled Components, Chakra UI, Next.js, Bootstrap, HTML5, CSS3
Backend: Node.js, Python, Express.js, Flask, AWS, MongoDB, Mongoose, GraphQL, SQL, MySQL, Sequelize
Dev Tools: Jest, Insomnia, Git, GitHub, Figma, MS Excel

PROJECTS

Chattitude | github.com/ColdWeatherBoyy/Chattitude | chattitude.eliassz.com

A messaging app with a global chat page for all users, account persistence and updateability, and chat history. Built with WebSockets, React, JavaScript, Node.js, Chakra UI, MongoDB, and Express.js.

- Implemented user authentication using JWT, bcrypt, and HTTP-only cookies.
- Developed functionality for WebSocket front/back-end handshake to track active users and connections.

FRAiME | github.com/ColdWeatherBoyy/Fraime | www.FRAiMED.art

An eCommerce site concept, leveraging OpenAI's text-to-image DALL-E API to allow users to generate unique art and order prints. Built with React, Next.js, JavaScript, Node.js, MongoDB, Express.js, and Styled Components.

- Collaborated on the initial backend architecture; built majority of REST API endpoints and DB models.
- Improved state management to decrease DB calls by moving data from global context to caching.

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