

Zach Fedor

Front-End Engineer

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About

I'm a front-end engineer with a decade of experience building intuitive, user-centric web applications. Guided by intentional pragmatism, I let function inform design, aspiring towards simplicity through clarity. Debugging is unironically my favorite part of the job—it's where the most interesting problems live. I enjoy a good story, all manner of puzzles, and a well-turned phrase. I'm looking for a team that values craftsmanship, unique perspectives, and appreciates a touch of creativity.

Skills

Front-End: TypeScript, JavaScript, React, Remix, Next.js, HTML, CSS, Sass, UX

Back-End: Node, Express, Fastify, Python, Flask, Swagger, 3rd Party API Integrations

Data: PostgreSQL, DynamoDB, GraphQL, MongoDB, Elasticsearch, Redis, AWS

Tooling: Git, Webpack, Vite, ESLint, Prettier, Jest, Playwright, Docker, Rollbar, CI/CD

Design: Storybook, Figma, Adobe CC, Balsamiq, WCAG, CSS Frameworks

Explorations: Emacs Lisp, Clojure, Scheme, Lua, Elm, C, Ruby on Rails

Experience

Cross-Functional Contributions

- * Bridged front-end, back-end, and design teams to implement product features from ideation, specification, design, prototyping, and testing.
- * Led UI architecture and key projects such as authentication, role-based access control, performant build tooling, and data retrieval/caching.

International E-Commerce

- * Built a comprehensive admin experience for artists to sell their work, including a design tool for generated mockups featuring their artwork on products uploaded directly or via Instagram.

Optimization and Performance

- * Led client optimization efforts including code-splitting, static bundle analysis, and profiling.
- * Developed an upload optimizer to responsively serve assets to improve load time and preserve layout.

Standards and Leadership

- * Ran code reviews and maintained tooling to enforce code quality.
- * Held regular tech talks and employed pair programming to foster knowledge sharing.

User Experience (UX)

- * Leveraged user feedback and logging to ensure accessibility and guide improvements, including quality of life features like ML driven image moderation and artist portfolio customizations.

History

Hug/Assemble Stream Inc , Front-End Engineer	New York City, NY 2021–Present
Thaddeus Stevens College , Instructor	Lancaster, PA 2018–2020
BrandYourself.com , Front-End Engineer/Scrum Master	New York City, NY 2017–2018
Industrial Resolution , Full-Stack Developer	Lancaster, PA 2015–2017
Tower Marketing , Web Developer	Lancaster, PA 2014–2015
Independent Contractor	Periodically from 2010–Present

Education

Temple University — Bachelor of Arts in English Philadelphia, PA
Minor: Digital Media Technology | Concentration: Creative Writing

Community

I co-organize the [Tech Lancaster](#) meetup and I have presented and facilitated workshops at the [Central PA Open Source Conference](#), the [Central PA chapter of AIGA](#), and [Millersville University](#), among others. I also volunteer with my local [Climate Action Neighborhood](#).