

# Jacob Densford

Full-stack web developer building self-hostable, open-source applications for the independent web using the PERN stack and Linux-based deployments, drawing on a background in collaborative storytelling and systems design.

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## PROJECTS

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### A Good Blog

*React, Node.js, Express, PostgreSQL, Prisma | Feb 2026–Present*  
[github.com/jacobdensford/a-good-blog](https://github.com/jacobdensford/a-good-blog)

- Built a full-stack, open-source, self-hostable blogging platform using the PERN stack that supports multi-user publishing and personal content ownership for independent creators and communities.
- Implemented separate public and administrative React frontends while sharing common packages within a monorepo to reduce duplication and improve maintainability.
- Developed a RESTful API with authentication and authorization using Passport.js for role-based access and secure content management.
- Designed a relational PostgreSQL database schema with Prisma ORM to model users, posts, comments, and sessions.
- Deployed and maintained the application on a Linux server using nginx, managing production configuration and updates.

### Good Web Search

*JavaScript, Extensions APIs | Jan 2026–Present*  
[github.com/jacobdensford/the-good-web](https://github.com/jacobdensford/the-good-web)

- Developed a cross-browser extension for Firefox and Chromium-based browsers that rewrites search queries through URL manipulation to improve search results, using WebExtensions and Chrome Extensions APIs.
- Built a configurable settings interface that allows users to customize search parameters and discover alternative information sources.
- Ensured compatibility with multiple search engines, including Google, Bing, and DuckDuckGo.

### The Good Web

*HTML, CSS, JavaScript | Feb 2026–Present*  
[github.com/jacobdensford/the-good-web](https://github.com/jacobdensford/the-good-web)

- Built a responsive, accessible website using vanilla HTML, CSS, and JavaScript that introduces the independent web.
- Developed a mobile-friendly RSS and Atom feed reader that aggregates curated feeds into a simple, distraction-free interface.

## SKILLS

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PostgreSQL · Express · React · Node.js

HTML · CSS · JavaScript · Git · Linux

TypeScript · Prisma · Vite Jest · nginx · Docker

## EDUCATION

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### The Odin Project

*Full Stack JavaScript Path | Jan 2025–May 2026*

Self-directed curriculum covering HTML, CSS, JavaScript, Node.js, Express, React, and SQL through project-based coursework.

## EXPERIENCE

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### Web Developer

*Self-Employed | 2021–Present*

- Designed, built, and maintained responsive websites using HTML, CSS, JavaScript, and static site generators.
- Managed hosting, deployment, domain configuration, updates, and version control for multiple websites.
- Conducted quality assurance and testing to ensure responsiveness, accessibility, and cross-browser compatibility.

### Game Designer & Dungeon Master

*Illuminated Snail Press | 2022–Present*

- Designed game systems, lore databases, and player-facing web resources, and collaborated with artists and playtesters to publish an adventure that placed third in a contest and reached Copper Best Seller status.
- Ran paid sessions for groups of strangers each week, turning disparate personalities and skill levels into a cohesive, collaborative story in real time.

### Barista

*Angel Falls Coffee Company | 2015–2021*

- Delivered consistent customer service and trained new hires in a fast-paced team environment.