

ACE LOWDER

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SUMMARY

Self-motivated Software Engineer with two years of experience building websites for diverse clients. Pursued full-time freelancing after completing a rigorous bootcamp and learning to streamline frontend development with React. Eager to apply a strong technical foundation in React and background in QA to collaborate on impactful web applications.

PROJECTS

[Expandit](#) | React, TypeScript, TailwindCSS, NodeJS, NextJS, MongoDB expandit.site

- SaaS web application that allows users to upload and expand images using AI. Integrated Cloudinary's generative AI, payment processing through Stripe, and secure user authentication using Clerk. Features performant image caching, cross-platform compatibility, purchasable credits for downloads, and social media size presets.

[AI or Not](#) | React, TypeScript, TailwindCSS, NodeJS aiornot.site

- Online game where users guess whether a comment is fetched from Youtube or generated using OpenAI's GPT-3 model. Utilizes audio and the framer motion animation library to create a polished, interactive game loop.

WORK EXPERIENCE

Full Stack Engineer | Freelance March 2024 - Present

- Revamped a multi-million-dollar CMS used by Panasonic and Dolby, collaborating with 4 developers to migrate the backend to Drupal and iteratively designing mockups in Figma while developing a decoupled React frontend.
- Simplified the client form submission process for an academic journal startup by deploying a Next.js website with Gmail API integration for confirmation emails, enabling the journal to launch its first coaching service.
- Improved SEO rankings and site accessibility by migrating the American Board of Spine Surgery's website to a modern, ADA-compliant WordPress site, enhancing user experience and streamlining board certification sign-ups.

Quality Assurance Tester | Sega of America April 2023 - March 2024

- Documented 400+ software defects in Jira and tested release patches using automated tools in a CI/CD pipeline to contribute to the success of *Like a Dragon: Infinite Wealth*, which sold over one million copies its first week.
- Improved networking performance in Super Monkey Ball Banana Rumble, reducing latency and enhancing hit detection by collaborating with Japanese developers in playtests to identify and resolve performance bottlenecks.
- Secured a T rating for *Persona 5 Tactica* by documenting 24 instances of pertinent content, ensuring localized text and assets met ESRB guidelines, and collaborated with our compliance team to submit materials for approval.

Lead Developer | Connected Camps March 2020 - April 2023

- Spearheaded the company's expansion into Roblox development, generating 5,600 new enrollments by leading teams of 3-8 developers to develop 4 after-school STEM programs for youth using Roblox Studio.
- Consolidated brand identity as Connected Camps tripled in size, creating a scalable design system and updating 26 courses in one summer, ensuring consistency across all educational programs.
- Onboarded over 70 new counselors and created comprehensive training materials to provide ongoing support.

EDUCATION

Web Developer Bootcamp - Udemy	2024
Google UX Design Professional - Coursera	2022
BS in Computer Game Science - University of California, Irvine	2020

SKILLS

React	JavaScript	MongoDB	Docker	Jest	NextJS
TypeScript	HTML	PostgreSQL	Kubernetes	AWS	TailwindCSS
Node.js	CSS	Redux	Jenkins	Git	Figma