

TREY WILKINSON

Full Stack Developer

Personal Info

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Skills

Frontend

- JavaScript · TypeScript
- React · RxJS · GSAP
- CSS3 · SCSS · Tailwind
- HTML5

Backend

- Node.js · Next.js · Express
- REST · GraphQL
- SQL · Redis
- Nginx
- Strapi

Others

- AWS · EC2
- Git · Nix
- Linux · Bash
- NPM · Gulp
- CI · CD
- Python
- Haskell

Interests

Computers

- Hacking
- Computational Physics
- Machine Learning
- System Administration

Math

- Category Theory
- Homotopy Type Theory
- Topology
- Calculus

Electric Guitar

- Jimi Hendrix
- David Gilmore
- Jimmy Page

A focused, driven, and adaptable individual with a passion for learning, creating, and solving problems. Two years of experience in the JavaScript ecosystem and three years in web development.

PROJECTS

2020-01 – [Klean Studios](#)

2020-06 **Music recording studio**

- Used React, TypeScript, and Tailwind to develop a tailored UI and UX.
- Used Node.js and Express to develop a REST compliant architecture.
- Created a user dashboard, integrated with Stripe, and an admin dashboard, to automate most business and site functionality.
- Used PostgreSQL to provide searching functionality for the admin dashboard.
- Automated hosting on an EC2 instance running Nginx with Jenkins and my Linux knowledge.

2020-12 – [Penguin Sweaters](#)

2020-01 **Promote penguin conservation efforts**

- Drove the UI and UX with React, TypeScript, and SCSS.
- Used a Next.js server to query Strapi endpoints using GraphQL.
- Hosted site on an EC2 instance running Nginx.

EXPERIENCE

2015 – [Window Cleaning](#)

2020 **Wells Window Cleaning**

- Professionally cleaned windows with a small team at residences of high portfolio individuals in the Washington DC area.
- Developed attention to detail and strong work ethic as I strived to provide only the best results for clients.
- Learned risk management and communication in order to work safely and effectively.
- Developed problem-solving techniques and creative thinking as I accomplished difficult tasks even when lacking the necessary tools.

2013 – [Art Internship](#)

2014 **Arts on the Block**

- Created commissioned artwork at a non-profit business for companies in the Washington DC area.
- Worked with a group of individuals to design, create, and install commissioned artwork, which required time management, communication, planning, and resourcefulness.

2008 – [Eagle Scout](#)

2016

- Conceptualized personal community service project, fundraised from local organizations. Lead, organized, and collaborated with ten volunteers over two weeks to provide lasting services for a local, under-funded elementary school.
- Consistently lead and managed activities with over 15 individuals, requiring organization, communication, and risk management.