Daniel A. Anderson

[daniel@smallinvisiblemachines.com](mailto:daniel@smallinvisiblemachines.com)

+1 (301) 675-6242

Seattle, Washington, USA

[www.smallinvisiblemachines.com](http://www.smallinvisiblemachines.com)

www.github.com/knaut

## PROFILE

* Full-stack web developer of 15 years' experience. Core skills include Javascript/ECMAScript, Typescript, NodeJS, CSS, CSS Pre-processors, HTML, and a variety of libraries and frameworks for front-end and back-end applications.
* Front-end framework skillset includes React, Svelte, Angular, and various styling patterns such as CSS-in-JS, Tailwind, and Sass/SCSS. Data visualization and animation skills include D3 and Anime.
* Back-end framework skillset includes NextJS, Express, Koa, and Hapi. Database experience includes MongoDB, Redis, SQL.
* Skilled in developing real-time, cloud-driven applications for various SBCs (Raspberry Pi) and microcontrollers.
* A big picture thinker who accounts for subtle details; loves to craft excellent user experiences.

## Skills

Javascript, NodeJS and ecosystem, Typescript, React, Svelte, Angular, Redux, CSS, SCSS, CSS-in-JS, Tailwind, Storybook, NextJS, Express, Koa, Hapi, Websockets, Redis, MongoDB, SQL, Amazon Web Services, Google Cloud, Heroku, MacOS, Windows, Linux, Adobe Creative Cloud (Photoshop, AfterEffects, Premiere), Balsamiq Mockups, Chrome extensions, responsive design, decentralized applications.

## Employment

Freelance Web Developer – Small Invisible Machines – May 2024 - Present

* Designed and developed data visualization applications using Svelte and D3.
* Developed NodeJS chatbot application integrating on-demand video and livestreaming APIs.
* Leveraged biosensors (EMG) in technical projects.

Senior Web Developer (Remote) – CAISO via TEKSystems – Nov 2023 - may 2024

* Developed components in Angular and Typescript for an application serving mission-critical documents to stakeholders.
* Developed CSS framework with Tailwind-like patterns in SCSS.
* Configured Storybook instances for scaffolding Svelte components.

Lead developer (Remote) – Kyndryl — July 2022 - NOV 2023

* Developed customer-facing UIs for an enterprise cloud service using React, Svelte, and Typescript.
* Implemented pixel-perfect designs from Figma using SCSS and CSS Modules.
* Unit-tested critical business logic for a NextJS application.

Software engineer (Remote) – Expedia Group via Bluehawk – Oct 2020 - July 2022

* Developed UIs for CCaaS (Contact-Center-as-a-Service) application for Expedia Group and subsidiary Vrbo using React, SCSS, Webpack.
* Developed a data visualization of contact centers using geolocation API.
* Prototyped user flows and from concept to code while including stakeholders.

Senior Front-End Developer at Twitter, Inc. — Sept 2019 - March 2020

* Developed single-page applications using React, Redux, and Webpack for the Salesforce Lightning platform.
* Documented and curated critical requirements from stakeholders.
* Rapidly prototyped and maintained data visualization applications with D3.

Director of Engineering at magnitude.io — Oct 2018 - Sept 2019

* Developed ed-tech application using React, Redux, and Express for K-12 users conducting plant biology experiments on the International Space Station.
* Maintained Chrome extension applications that compiled Arduino sketches in a web interface.
* Defined project goals, timelines, technical architectures, and managed a small team.

Co-Founder & Lead Developer at HAVYN, Inc. — Jan 2016 - Oct 2018

* Designed and developed all software applications and user interfaces for consumer smart locker.
* Leveraged optical character recognition (OCR) and SMS APIs for a seamless package delivery & pickup experience.
* Leveraged React and Websockets to build real-time cloud-driven interfaces.

## EDUCATION

Maryland Institute College of Art — 2006 - 2008

Painting Major, Creative Writing Minor

## Achievements

The Hawk award (Employee of the Quarter) — 2021 — Bluehawk Consulting

Self-published science fiction novel — 2018

Maryland Distinguished Scholar — 2005 — State Scholarship

## References

[www.linkedin.com/in/danielanderson](http://www.linkedin.com/in/danielanderson)

Phone and written references available on request