

Me:

I'm a creative and detail-oriented software engineer with a passion for building things that are both accessible and feature-rich. I spent the last few years teaching web development at General Assembly, and I am always looking to learn more about the latest technologies. I enjoy hunting for bugs, chasing obscure errors, and finding myself so deep into the docs that I'm learning something completely new along the way.

Technologies

HTML, CSS, Javascript
Express.js, Node.js, React.js
PostgreSQL, MongoDB
Django, Python
Web Sockets, Web API
AWS S3, EC2, Elastic Beanstalk
Typescript

Skills

Programmatic Thinking & Problem Solving
Self-Learning & Team Coordination
Empathetic, Diligent, & Communicative
Organization & Prioritization

Education:

General Assembly

- 3 Month intensive Software Engineering (2019)

Montclair State University

- B.A. in English Literature (2014)

Self-Learning

- Udemy
- Codecademy
- LinuxAcademy
- O'Reilly Textbooks

Work Experience:

Full-Time Lead Instructor - General Assembly Remote Feb. 2022 - May 2023

- Guided groups of up to 25 students through a rigorous 12 week web development curriculum in a bootcamp format.
- Delivered 6 hours of lectures each day, 5 days a week.
- Wrote, built, updated, and taught lessons, from the basics of static web development to building full-stack web apps in modern frameworks (Django, Express, React).
- Focused heavily on writing clean, readable code, version control, and established practices and conventions in modern development (REST, MVC, SQL/NoSQL).
- Worked with students to debug code, to instill best practices and strategies for debugging, and to approach problems programmatically.

Teaching Assistant - General Assembly Toronto, ON Feb. 2020 - Feb. 2022

- Worked directly with students with various learning styles and experience levels to guide them towards junior roles in a new field through a rigorous program.
- Provided support both in class on lessons and labs, and outside on homework and assignments.
- Supported instructional team with project feedback, grading, curriculum changes, and helping students with supplemental instruction and code debugging.

Project Manager - MRA International Long Branch, NJ Nov. 2014 - Aug 2019

- Worked with clients and repairs department to streamline and normalize relevant information using forms, barcodes, and reports.
- Led the deployment of 18,000 new laptops, the largest public sale by HP in the eastern USA, from unboxing to installation, finishing more than a month ahead of schedule.
- Created organized and dynamic inventories for the client to track device location.
- Led my team through many successful projects by creating open channels of communication, and fostering an efficient work environment

Projects:

Markdown98 github.com/aidanbell/Markdowner98

- Front-End React App: React.js, markdown-it, html2pdf.js
- This app won a Mintbean General Assembly CareerHack. The challenge was to build a clean, simple, markdown editor. The app has live preview, simultaneous scrolling between input and output, and the ability to download markdown files as PDFs.

The Cage Page the-cage-page.herokuapp.com

- Full-Stack WebApp: Node.js, Express.js, Mongoose, MongoDB, OAuth2
- A social app centered around creating and rating drinking game rules exclusively for movies starring Nicholas Cage. RESTful backend authenticates users using Google OAuth2, and movie data comes from TMDB's API.