

## Me:

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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

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

## Skills

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

## Education:

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**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:

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### 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:

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### Markdown98 [github.com/aidanbell/Markdowner98](https://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 [thecage.page](https://thecage.page)

- 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.