

Anthony Pillow

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[GitHub](#) [LinkedIn](#) [Portfolio](#)

Work Experience:

Instructional Specialist at 2U Education | Remote | April 2021-Present:

- Taught students how to use several different tools and languages including React, MongoDB, Node.js, Express.js, CSS, Bootstrap, HTML, JavaScript, npm, Git, VSCode, GitHub, GitLab, SSH Keys, Heroku, Mongo Atlas, Insomnia, and Mongo Compass to create full-stack web applications
- Taught students how to use existing APIs and integrate them into their websites as well as how to create RESTful APIs and connect their endpoints to SQL and NoSQL databases. Additionally, taught students how to host their databases on cloud services like Mongo Atlas
- Taught students end-to-end release and deployment of full-stack web applications with a focus on creating single-page applications using React, Node.js, Express.js, MongoDB, and deploying to Heroku
- Used Git to take charge of several class repos that were necessary to supply students with class content
- Successfully collaborated with other instructional staff to manage a Zoom room with many participants, grade student work, provide feedback, take attendance, and resolve student grievances

Projects:

The Good Boy List | Started 07/2020 | [Deployed](#) | [GitHub Repo](#)

- Was the sole designer and developer on a web app, created from scratch, for Dungeons and Dragons spell casters to alleviate some of the upkeep of tracking spell slots, spells, and other character information to improve the quality of gameplay and time management
- Created the front end using create-react-app to generate the boiler plate code and expanded it by using React to make custom pages and reusable components. Implemented React Router to handle client-side routing to cut down on calls to the server for static resources and to make the overall experience seamless and efficient. Also used the axios npm package to consume the site's API
- Developed a RESTful API using Express Routing and connected the endpoints to a NoSQL database created with Mongo and Mongoose that is hosted on a Mongo Atlas Cluster
- Deployed the app to Heroku and linked it to GitHub to easily test and deploy updated versions of the app
- On-boarded a new developer to help with polishing and expanding the scope of the TGBL

Education:

Full-Stack Web Development Bootcamp, Certificate of Completion

UC Davis Continuing and Professional Education | June 2020 | 1 Capitol Mall, Sacramento, CA 95814 | (530) 757-8777

Relevant Coursework Learned how to create efficient single-page applications using React to create the front-end, Node.js to run server-side JavaScript, Express.js to create a server and handle API routing, and MongoDB for the database. I also learned how to use Git for version control, how to collaborate with others while working in the same repo, and how to consume APIs from the web.

Skills:

Languages & Frameworks HTML, CSS, Bootstrap, JavaScript, React.js, JQuery, SQL, Sequelize, MongoDB, Mongoose, Node.js, Express.js

Tools Git, GitHub, GitLab, Insomnia, Postman, Heroku, Github Pages, Windows OS, Mac OS