

# Justin Carter

## Full-Stack Web Developer

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## TECHNICAL SKILLS

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**Front End** | JavaScript, React, D3, HTML, CSS

**Back End** | Node.js, Express, MongoDB

## SOFTWARE ENGINEERING APPLICATIONS

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### Full-Stack Software Developer | Stock Quote Webpage

2022

*React Front-End with Express Back-End Stock Price Retrieval Page*

JavaScript | React | D3 | Node.js | Express

- Built an original project that connects to the Alpha Vantage API and retrieves stock price closing prices for user company input for the past 20 years, interpreting the JSON response and dynamically plotting the result on a chart with 5,000+ data points (chart built using D3).
- Built also a symbol lookup function based on parsing a local CSV file from NASDAQ with 8,000+ company securities so the user can match a familiar company name with its matching stock symbol.
- Designed the entire front-end using React with internal links working via React Router.
- Implemented back-end using Express to pass along API key securely as part of axios request.
- **GitHub:**
  - Back-end with React production build - <https://github.com/Justinmemphis/stock-quote-server>
  - Front-end - <https://github.com/Justinmemphis/stock-quote-webpage>
- **Live website:** <https://stock-quote-server.justinmemphis.repl.co/>

### Back-End Software Developer | Exercise Tracker

2022

*Exercise Tracker server that stores input in MongoDB database*

JavaScript | Node.js | Express | MongoDB

- Utilized MongoDB to create a database allowing each user to create a new exercise user and then create exercises attached to that user.
- Implemented an exercise log function where the user can request a list of all exercises stored by the user in the database.
- **GitHub:** <https://github.com/Justinmemphis/boilerplate-project-exercisetracker>
- **Live website:** <https://boilerplate-project-exercisetracker.justinmemphis.repl.co/>

### Front-End Web Developer | JavaScript Calculator

2021

*Basic Calculator in React*

JavaScript | React

- Developed appearance and functionality of a webpage that can perform basic mathematical functions based on user input.
- **GitHub:** <https://github.com/Justinmemphis/Javascript-Calculator>
- **Live website:** <https://codepen.io/justinmemphis/full/RwozmXd>

## WORK EXPERIENCE

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### Various Finance and Accounting Roles

2011-2022

- Managed and reviewed work of individual contributors working on discrete projects (tax returns).
- Worked directly with small business owners on their accounting systems and adjusted reporting to their needs.
- Obtained both Certified Public Accountant (CPA) and Certified Financial Planner™ designations.

## EDUCATION

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### FreeCodeCamp – Certifications Completed:

Back End Development and APIs	2022
Data Visualization	2021
Front End Development Libraries	2021
JavaScript Algorithms and Data Structures	2020
Responsive Web Design	2020

**University of Memphis** – M.S., Accounting

2013

**University of Tennessee, Knoxville** – B.A., English

2005