

Nicolas Murphy

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Dallas, TX | Full Stack Developer

Technical Skills

Programming: Python 3, Javascript, ES6+, SQL, HTML5, CSS, TailwindCSS

Front-End: DOM manipulation, Websockets, React, React Hooks, Redux Toolkit

Back-End: Django 4, PostgreSQL, MongoDB, FastAPI, RabbitMQ

System Design: Microservices, Domain-driven design, Message passing, Event sourcing

Application Development Experience

CarCar - gitlab.com/murphynick10/car-car 2023

- Developed a microservice back-end in Django for creating the functionality of application
- Designed a front-end using React and Bootstrap to make application more user friendly
- Improved the front-end by replacing Bootstrap with TailwindCSS to make the website look nicer
- Implemented a carousel on the mainpage to improve the website visually

Book Bounty - gitlab.com/mod-3-group/bookbounty 2023

- Developed the back-end using FasiAPI and MongoDB for being able to:
Create a user, login, search for a book using a third-party API, favorite books, etc.
- Designed the front-end using React Redux and TailwindCSS for the front-end functionality and styling
- Adjusted the styling so that the website can be viewed on mobile, and other screen sizes
- Added light mode/dark mode functionality to improve the user experience

Professional Experience

Enrichment Chess, Chess Instructor 2018-2019

- Acted as lead classroom chess instructor for various elementary and middle schools across DFW

Private Music & Chess Instructor 2015-2023

- Taught in-home music and chess instruction. Focused on guitar, piano, singing, and chess instruction.

Education

Hack Reactor, *Software Engineering Immersive* 2023

University of Texas at Dallas, *B.S. - Interdisciplinary Studies* 2021