

NICK SCHAEFER

wildernns@gmail.com ▪ 978-290-2245

nschaefer.com ▪ github.com/naturalnick ▪ linkedin.com/in/naturalnick

ABOUT ME

Software developer with a passion for problem solving and a focus on efficiency and accuracy. Strives towards writing clean code and approaches new challenges and concepts with curiosity and excitement. Able to self-manage independent projects as well as collaborate and communicate effectively with teams. Experienced in developing full-stack applications from inception to deployment, leveraging my expertise in front-end and back-end technologies.

EDUCATION

SOFTWARE DEVELOPMENT MASTERMIND INC

10/2022 - 2/2023

The Software Development Mastermind program is a 16-week mentorship program that simulates a work environment by focusing on building real-world projects under deadlines. The numerous resources, guidance, and feedback have helped me to not only develop my portfolio, but strengthen my programming skills.

SKILLS

PROFICIENT: HTML, CSS, Javascript, ReactJS, Python, Bootstrap, Firebase

FAMILIAR: React Native, Swift, SwiftUI, SQL, PostgreSQL, SQLAlchemy, Flask

PROJECT EXPERIENCE

MOCKEXCHANGE - A FANTASY STOCK TRADING APP - [GITHUB.COM/NATURALNICK/MOCK-EXCHANGE](https://github.com/naturalnick/mock-exchange)

12/2022

- Accessed REST APIs to get current stock market data for accurate stock referencing and trading
- Utilized Formik library and Yup schema to ensure thorough form validation
- Used React Context to provide account data to all React.js components preventing excessive passing of props
- Stored user data in a PostgreSQL database and accessed it via SQLAlchemy Object-Relational Mapping
- Used application factory design with separate modules to keep the Flask server organized and more readable

BURBLE - A CHAT APP - [GITHUB.COM/NATURALNICK/CHAT-APP](https://github.com/naturalnick/chat-app)

11/2022 - 12/2022

- Full-stack chat application I built with a React (Javascript) client and a Flask (Python) server.
- Utilized SocketIO for bi-directional event-based communication to keep messages and user status up-to-date
- Used server-generated JSON web tokens to verify API requests and socket connections
- Used a PostgreSQL database to store the user and message data is accessed and maintained in on the server
- Set up server-side unit testing using the unittest framework to maintain functional code and minimize manual testing

TWILIGHTER - A TWITTER SHOWCASE APP - [GITHUB.COM/NATURALNICK/TWILIGHTER](https://github.com/naturalnick/twilighter)

11/2022

- The React.js client allows the user to search for Tweets by username or keyword, or generate a random Tweet
- Used React-Router to provide seamless page navigation without reloading each page
- Set up internal REST API endpoints with Flask for the client to send requests
- Read Twitter API v2 documentation thoroughly to effectively access queried Tweet data in JSON format
- Utilized Bootstrap components provide a simple and quickly-implementable user interface

EMPLOYMENT HISTORY

PENNGROVE MARKET - GROCERY BUYER - PENNGROVE, CA

2/2018 - 4/2022

- Established ordering systems, formed customer and vendor relationships, maintained accurate product data and pricing

COMMON CROW MARKET - GROCERY BUYER / INVENTORY MANAGER - GLOUCESTER, MA

2/2011 - 5/2017

- Spearheaded new POS system installation and maintenance, led team projects and training, provided tech support, managed inventory, ordered and processed products