

NICK MURPHY

FULL STACK DEVELOPER

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SKILLS

React.js, Redux, JavaScript, Node.js, HTML, CSS, Python, Flask-SQLAlchemy, Express, SQL, Sequelize, Render, Tailwind, Mapbox, Playwright

PROJECTS

FootTracks (Flask, React)

[Live](#) | [GitHub Repo](#)

- Implemented SQLAlchemy ORM in Python Flask to handle database operations for all features, such as likes, follows, and profiles, enhancing the user experience through optimized data handling.
- Integrated AWS S3 to facilitate seamless image uploads, enriching user profiles and fostering engagement
- Integrated Leaflet.js and Mapbox APIs to create dynamic, interactive maps, allowing users to visualize their workout routes, and track their progress.
- Leveraged Tailwind CSS to design and develop a responsive user interface.

Plate-pal (Flask, React)

[Live](#) | [GitHub Repo](#)

- Integrated Google Maps API to display restaurant markers on an interactive map, providing a visually appealing representation of locations, enhancing user experience, and simplifying navigation.
- Utilized ReactHooks for dynamic error management in various forms, enabling real-time validation and user feedback, improving user experience and promoting accurate data submission.
- Collaborated within an Agile Scrum team of 3 engineers, using Git feature branches for version control and conducting daily standup meetings to review project progress, align goals, and ensure effective communication.

Bnb-Ria (Express, React)

[Live](#) | [GitHub Repo](#)

- Built Node.js backend using Express/Sequelize to streamline database queries for efficient data management
 - Utilized Redux to enhance performance and user experience by rendering React components dynamically
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EDUCATION

Full Stack Development | App Academy

Oct 2022 – Apr 2023

Masters in Teaching in Secondary Education | Western Washington University

Jan 2016 – June 2017

Bachelor of Science in Mathematics | Western Washington University

Sep 2011 – Dec 2015

WORK EXPERIENCE

Mathematics Teacher

Aug 2020 – Jan 2022

Bishop Blanchet High School, Seattle WA

- Full time instructed math classes ranging from grades 9 - 12. Subjects taught were Geometry and Calculus.
- Adapted learning curriculum and delivered instruction in online, hybrid, and in-person teaching environments.
- Assisted in coaching Blanchet boys cross country team that won the 3A state title during Fall 2021 season.

Mathematics Teacher

Sep 2019 – May 2020

Chancellors School, Brookmans Park UK

- Full time instructed math classes ranging from year 7 to year 11. Subjects taught ranged from foundational mathematics to GCSE level pre-calculus.
- Adapted learning curriculum and delivered instruction in online, and in-person teaching environments.