# NICK MURPHY

FULL STACK DEVELOPER

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## SKILLS

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

## 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

## 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.