

# NICK MURPHY

FULL STACK DEVELOPER

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## SKILLS

React.js, Redux, JavaScript, Node.js, HTML, CSS, Webflow, Python, Flask, SQLAlchemy, Express, SQL, Sequelize, Render, Tailwind, Bootstrap, Leaflet.js, Google Maps, Amazon AWS, Java, SpringBoot

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## RELEVANT EXPERIENCE

### Web Developer

Sep 2023 – Present

Rainforest Partnership | Remote

- Identified and resolved website bugs, resulting in improved functionality and responsiveness.
  - Redesigned user interfaces to enhance aesthetics and usability, maintaining full functionality, and ensuring a seamless user experience for over 22k yearly users in 162 countries.
  - Implemented a Google Translate feature on the website, enabling users to access content in 100+ languages, increasing the site's accessibility and global reach.
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## PROJECTS

**FootTracks** (Flask, React.js, AWS, Tailwind.css, Leaflet.js)

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

- 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 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.
- Integrated AWS S3 to facilitate seamless image uploads, enriching user profiles and fostering engagement

**Plate-pal** (Flask, React.js, AWS, Google Maps)

[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 three engineers, using Git feature branches for version control and conducting daily standup meetings to review project progress, align goals, and ensure effective communication.
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## EDUCATION

Java Accelerated Program | HTD Talent

Aug 2024 – Nov 2024

Full Stack Development | App Academy

Oct 2022 – Apr 2023

Masters in Teaching in Secondary Education | Western Washington University

Jan 2016 – Jun 2017

Bachelor of Science in Mathematics | Western Washington University

Sep 2011 – Dec 2015

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## WORK EXPERIENCE

### Mathematics Teacher

Aug 2020 – Jan 2022

Bishop Blanchet High School | Seattle WA

- Delivered effective instruction across online, hybrid, and in-person teaching settings by seamlessly integrating online learning technologies like Edpuzzle, Zoom, and Google Classroom to enhance student accessibility and track individual learning progress.
- Utilized versatile leadership skills to build team unity, tailor personalized training plans, and lead structured workouts for the Blanchet boys cross country team resulting in a Fall 2021 3A state title victory.