

Benjamin Baldwin

(425) 463-8508 | Seattle, Washington | baldwin.ben55@gmail.com | [LinkedIn](#) | [GitHub](#)

TECHNICAL SKILLS & PROJECTS:

Languages: JavaScript, Python, Java | **Front-end:** React, JSX, Tailwind, Bootstrap | **Databases:** MongoDB, MySQL, Mongoose | **Tools:** Git, GitHub, Postman | **GIS:** OSM, JOSM, OSMCha, Overpass API, QGIS, Esri ArcGIS Pro

Ecommerce App | *Full Stack Developer* | www.percussionpro.store | [GitHub Repository](#)

Developed a MERN-based ecommerce drumming app with features such as admin login and registration, Multer for image handling, Stripe API for payment processing, and AWS for deployment.

- Implemented Multer to handle image imports in multi-part forms and set up AWS S3 bucket to enable viewable images on the client-side of the app.
- Integrated admin login and registration using JWT's to allow full CRUD functionality to admins for products and orders.
- Developed a pagination feature using React Bootstrap and MongoDB for an ecommerce MERN application, enabling customers to browse through products more efficiently and enhancing overall user experience.

Flight Reservation System | *Fullstack Developer* | www.pnwairlines.flights | [GitHub Repository](#)

Created a full CRUD Java flight reservation system app featuring an interactive seat picker, Stripe API for payment processing, login and registration for users, and full CRUD admin functionality for flights.

- Implemented the Stripe API to provide customers with a secure and streamlined payment processing experience by enabling real-time payment verification and processing, reducing the risk of fraud, and improving the overall user experience.
- Implemented secure login and registration features using Bcrypt and designed intuitive user forms, enhancing the user authentication and data collection process for an airline reservation system application.

PROFESSIONAL EXPERIENCE:

GIS Team Lead / Analyst | *Apple via Mindlance* | Seattle, WA

Jul 2019 - Jul 2022

- Identified potential biases in OpenStreetMap (OSM) data during the early stages of the Russian invasion into Ukraine, leading to the recommendation and implementation of organization-wide changes to Apple Maps functionality. These changes improved the accuracy and reliability of Apple Maps for users by preventing potential bias from OSM data.
- Designed scalable workflows, trained teams of 40-50 Technicians, and improved OSM data quality for Apple Maps, resulting in enhanced user experience through streamlined map editing processes, reduced errors, and up-to-date maps.
- Created a MapCSS paint style in OSM that matched Apple Maps paint styles, providing the organization with more accurate and consistent data for highway reclassification decisions. This improved decision-making processes by ensuring that OSM data was aligned with Apple Maps data, resulting in better-informed decisions regarding highway classification.

RTLA Field Operative | *Stell Environmental* | Selah, WA

Jun 2018 - Aug 2018

- Collected data on vegetation growth across the Yakima Training Center to be used in an annual GIS report to the military detailing how the military's land use impacts native and invasive plant species regrowth.
- Ensured my team's safety by maintaining constant and effective communication with Range Operations so that my team could confidently and efficiently conduct our work around live fire zones.

EDUCATION:

Coding Dojo | *Full-Stack Developer Certificate* | Remote

Sep 2022 - Nov 2022

- Immersive Full-Stack Training Program in Python, C#, and MERN

Central Washington University | *GIS, Geography* | Ellensburg, WA

Sep 2016 - Jun 2019

- GIS Certificate, Bachelor of Arts, Geography