

Leo Brooks

SOFTWARE ENGINEER

PROFESSIONAL BIO

I am a software engineer with fluency in MongoDB, Express.js, React.js, Node.js, SQL, and Python. I work to build and refactor intuitive and efficient solutions for the complex problems of tomorrow. Through my experiences running a kitchen, I've found passion in connecting with people to understand what drives them. Paired with my experiences building track cars, I've also learned to think outside of the box and engineer my way back into a solution that still fits within the constructs of the predetermined box. Together, these have helped me build a foundation from which I strive to build clean, elegant code for everyone.

SKILLS & ABILITIES

- **Languages** | ES6, HTML, CSS, Python
- **Libraries & Frameworks** | React, Node, Express, Django
- **Database** | PostgreSQL, Sequelize, ORM, MongoDB, Mongoose, ODM
- **Other** | RESTful, Routing, JSON

CONTACT INFORMATION

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Location: Puyallup, WA

PROJECTS

Nutrifit | Django, Python, PostgreSQL

- Utilized USDA nutrition API to provide authenticated users a place to find and log nutritional statistics for daily meals.
- Five day solo sprint building out full Django app.

Nippon Runner | Node.js, React.js, Express.js, MongoDB

- Application built out to provide authenticated users a place to learn, practice, and refine hiragana reading skills.
- Partnered eleven day sprint to utilize four technologies.
- Started with paired wireframing, then I built out the entire backend, tweaked a pre-made Express user auth template to fit our purpose, constructed an API to fetch our needed data, tested routes, and fabricated a frontend React skeleton.

gamebook | Node.js, Express.js, PostgreSQL

- Provides authenticated users a place to search for video game titles and leave personalized comments on them with other users.
- Nine day solo sprint to build an express application that utilized protected API calls as well as user authorized routing.

[2B][!2B] | HTML5, CSS, ES6

- Battle simulation for users to attempt fighting various opponents.

EXPERIENCE

Software Engineering Fellow

General Assembly / Jan. 2021 to April 2021

- Full-stack software engineering immersive student built out multiple 4-11 day agile based full stack applications utilizing technologies including: bash, DOM manipulation, custom built api's, passport auth, Mocha/Chai, Node/Express, PostgreSQL/Sequelize, Mongo/React, Jupyter/Selenium, Django/Python.

Automotive Service Technician

Subaru of Puyallup / Nov. 2017 - Dec. 2020

- Instituted more consistent and efficient procedures for best practices with a 5-man team, eventually adopted by full staff of 20+ technicians.
- Advocated for the prioritization of customer investment value over gross profit to streamline customer satisfaction.
- Introduced daily quality assurance screenings to recognize and strengthen each other's weaknesses.

EDUCATION

General Assembly

Remote Software Engineering Immersive Program

JSL 日本アカデミー

Japanese Business/Language JLPT N3