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

CareBNB | MongoDB, Express.js, React.js, Node.js, AWS (buckets)
- 72 hour hackathon sprint to solve the Childcare Desert issue that COVID19 has brought to the forefront of prevalence.
- Re-worked an existing database model to incorporate higher security authorization, authentication, and traversability for our specific purposes.

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.

EXPERIENCE

Software Development Engineer

hs.Credit / June 2021 to (Current)

- Exploring new technologies to build a decentralized space with independent projects developing nt-NFT's for high school students. Working toward solving the issue of college eligibility amongst marginalized youth. Full life cycle development refactoring an existing PHP/laravel web application into a React.js based PWA.

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.

EDUCATION

General Assembly

Remote Software Engineering Immersive Program

JSL 日本アカデミー

Japanese Business/Language JLPT N3