

SKILLS

Full-stack Engineering

Web Development

Front-End Engineering

Back-End Engineering

App Engine

JavaScript

React

Node

HTML

CSS

Bootstrap

EJS

MongoDB

jQuery

Git

Mongoose

PostgreSQL

PERSONAL PROJECTS

Crown.wtf (JavaScript)

- Community web application with user accounts, forums, 3rd-party API integration, and more developed in Node with Express. Front end uses EJS, Bootstrap, HTML, CSS, and JavaScript. Uses MongoDB paired with Mongoose for the database. I implemented OAuth 2.0 and Passport for secure user authentication. Deployed using App Engine to maintain a high velocity development process.

ArenaMarker (Lua)

- Fully customizable community addon/plugin that easily automates tedious UI tasks, written in Lua. Currently rank 14 in popularity, among other addons in its respective category.

RoamingVendors (Flutter/JavaScript)

- Full stack app that allows users to easily locate and explore food trucks in their area. Supports real-time location tracking and vendor's menus, reviews, and weekly schedule. Users can search for a tag or truck name, or search around their area with a map provided by Google Maps API that I implemented. The backend was written in JavaScript using Express, and JWT is used for security & to automatically log users in for a seamless user experience.

GladiatorGuru (JavaScript)

- React & Express app that provides World of Warcraft players with a platform to connect with professional players for coaching or gaming. Each affiliate has an affiliate code that gives the referrer a commission and the customer a discount on their booking, and each professional has a job dashboard where they can claim and unclaim jobs. Uses Passport & Discord OAuth for authentication.

WORK EXPERIENCE

Freelance Software Developer

Freelancer

[Grindlessgaming.com](https://grindlessgaming.com)

- Full stack web app created with Flask, Python, Jinja, Pip, Bootstrap, HTML and CSS. The database used PostgreSQL, and Flask for migrations. The app offered services users can select from a drop down menu, generated from fixtures, with pricing dynamically displayed via jQuery. For testing CircleCI was used, and for deployment AWS Lambda & Zappa, by request of the client.

Freelance Software Developer

Freelancer

brookban.ue.r.appspot.com

- Front end website developed in Node with Express. EJS was used for templating, and HTML, Bootstrap and JavaScript generate the display of the site. For styling used CSS, with minimal jQuery. All of the content is generated through libraries that I created. App Engine was used for deployment.

EDUCATION

Computer Science

Self-study

2019 – 2023

[Courses](#)

- MIT OpenCourseWare, KhanAcademy, Udemy, and FreeCodeCamp courses.
- Data structures & algorithm books such as Introduction to Computation and Programming.
- High quality programming videos & technology podcasts and blogs.

REFERENCES

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