WILLIAM LOCKE

Front-End/Fullstack Web Developer from Jacksonville, FL

Phone: *301-467-2916*
LinkedIn: *https://www.linkedin.com/in/williamcareylocke/*
Portfolio: *https://williamlocke-portfolio.vercel.app*
Email: *williamlocke.dev@gmail.com*
GitHub: *https://github.com/dopecello/*

EXPERIENCE

SpinSpire | Jacksonville, FL | Software Engineer Intern *(https://spinspire.com/)*   **April 2023 - Present**
- Developed a starter app that synergizes the high-performance, Golang-compiled PocketBase backend with a fully static SvelteKit frontend. Enabled streamlined FE/BE interaction through the JAMstack architecture.

- Incorporated a robust backend suite, featuring SQLite database management, real-time data subscriptions, authentication & authorization mechanisms, file storage solutions, and extensibility with both Golang and JavaScript

- Integrated a full live development setup, including hot module reloading (HMR) for frontend edits, and hot reloading for backend modifications in Go and JavaScript**.**
- Delivered out-of-the-box features like user registration, post creation, and custom API calls. Additionally, introduced a configurable "hooks" system for easy application extensions with minimal or no coding required.

FieldGenie Inc. | Houston, TX | Front-End Engineer Apprentice *(fleato.com)*   **Oct 2022 – April 2023**
- Developed event ticketing platform on main website to trigger an NFT-minted ticket for the event using TypeScript, React, Google Cloud Functions and Firebase.
- Implemented event-scheduling functionality for Fleato.com main website using React Hook Form.
- Designed client websites which integrated our NFT/DAO minting technology by converting Figma to JSX and CSS.
- Practiced Agile methodologies to collaborate with team members on GitHub for seamless project execution.

SKILLS

Front End: React, TypeScript, JavaScript, Svelte, Astro, TailwindCSS, CSS3, HTML5, RESTful API, Auth.js, Clerk, jQuery, Handlebars.js

Back End: Node, Express, MySQL, PostgreSQL, MongoDB, Sequelize.js, Prisma, Mongoose.js, Go, Pocketbase, Firebase, ASP.NET Core 6, GraphQL, Chrome Extension, OAuth2.0, OOP, TDD, Git

Deployment and Hosting: Google Cloud Platform, AWS, Heroku, Vercel, Docker

PROJECTS

MealFind | **GitHub** **(bit.ly/3AMZ1er)** | **Deployed Project** **(bit.ly/3LNhq0N)**
- *A meal app consuming the public Spoonacular API in a streamlined, user-friendly format.*
- *Gathers recipes based on user's preference and utilizes OpenAI API to make a downloadable instructions/grocery list.*
- *Built with Next.js, React, TypeScript, PostgreSQL, and Prisma*

Deep Thoughts | Github **(bit.ly/3NwoPmL)** | **Deployed Project** **(bit.ly/3AKsB4n)**
- *Social media site that Integrates the Apollo Server GraphQL library to handle data requests, consume APIs, and mutate the MongoDB database.*
- *Signed and verified JWTs as part of the authentication process.*
- *Implement login functionality and user-based navigation in React.*

EDUCATION

Boot Camp Certificate: *University of Miami, Coral Gables, FL*

A 24-week intensive program focused on gaining technical programming skills in Full Stack Web Development

DMA in Cello Performance: *University of Miami, Coral Gables, FL*

Terminal degree in this specific field. Wrote a published dissertation which can be accessed here. **(bit.ly/423CkPi)**