SAMUEL MORGAN ANDERSON

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SUMMARY

Detail-oriented and hard-working computer professional with a strong background in building full-stack web applications, as well as backend systems. Simultaneously working towards a B.S. in Computer Science at Florida State University and interning at the tech incubator Watsco Ventures, as well as creating side-projects which increase the breadth and depth of his knowledge.

EDUCATION

Florida State University   Tallahassee, FL, USA
Bachelor of Science in Computer Science – GPA 3.7   Expected May 2025

EXPERIENCE

Watsco Ventures   Miami, FL, USA
Junior Software Developer   May 2023 – Present
- Contributed 100+ pull requests to 100,000+ line **Nuxt** codebase of an HVAC proposal-creation webapp, OnCall Air Lite, while also contributing heavily to the **NestJS** backend
- Refactored **Nitro** server-side code to cut proxy API calls, boosting data fetch speed by 40%
- Helped integrate **Formstack**, allowing the team to view valuable customer feedback
- Led development of a multi-tenant configuration system, allowing for a URL based, **Nuxt UI** plus **Tailwind** tenant-theming system with **Pinia** store and **PostgreSQL** tenant database
- Fixed dozens of high-priority issues quickly and effectively, ensuring the app has had a downtime of less than 10%

PROJECTS

Librewrite.com   Oct 2024 – Present
Next.js, Tailwind, IndexedDB
- Independently created a free webapp intended for practicing creative writing in **Next.js**
- Stored content locally utilizing **IndexedDB** and **Dexie** and displayed the content stylishly by implementing **Tailwind** and **shadcn/ui**.
- Used by literature teacher to administer writing assignments in LIT2000 class

Arduvia.com   Sep 2024 – Dec 2024
Inertia.js, Laravel, Go, PostgreSQL
- Co-created a small social media platform with location-based content and posts in **Inertia.js**
- Led development of **React** frontend and architected structure of **Laravel** backend and **PostgreSQL** database, all containerized within **Docker**

SKILLS

Relevant: Highly proficient in **Vue/Nuxt**, **Unix**/command line, **Java/Typescript**, **Node.js**, **React/Next.js**, **Lua**, and **C**, **C++**. Proficient in **Agile** and **SCRUM** workflows, **MySQL/PostgreSQL**, **Formstack**, **Python**, and writing documentation.

Other: Proficient in **Microsoft Office**. Competent in **Spanish**.

EXTRACURRICULAR Activities

Academic: FSU Leaders, 2nd place in ACM at FSU 2021 competition, FSU biking club