Fritz Fils-Aime

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EDUCATION

Bachelors In Computer Science   Expected 2027
Florida International University
- **Relevant Coursework:** Data Structures and Algorithms, Probability & Stats for CS, Systems Programming, Discrete Structures, Operating Systems Principles

EXPERIENCE

747 Motors   Oct 2024 – Current
Salesman   Plantation, FL
- Developed Swift-based application enabling real-time vehicle scanning retrieving pricing, mileage, spec data, resulting in a 50% increase in responsiveness to customer inquiries, improving sales efficiency
- Applied User-Centered principles by gathering customer feedback and iteratively refining sales tools, garnering a 40% boost in lead conversion and response times during vehicle inquiries.
- Collaborated with management during the dealership's technical launch, configuring communication systems and organizing internal tools, streamlining daily operations improving staff efficiency by over 70%.

NFC Amenity   Feb 2024 – June 2024
Front Desk Support   Miami, FL
- Developed an appointment scheduling tool, tested by residents, which streamlined the booking and tracking of appointments, reducing scheduling time by 50%.
- Overhauled existing Excel-based record systems, improving data accuracy and workflow efficiency showing a 35% reduction in record errors.
- Resolved technical issues across hotel amenities, resulting in a 45% reduction in guest wait times by providing on-site troubleshooting and coordinating swift maintenance responses.

Miami Dade College Library   August 2022 – November 2023
Library Technical Support   Miami, FL
- Diagnosed and resolved hardware and software issues for end-users, resulting in 30% decrease in operational downtime.
- Instituted cross-departmental collaborations by creating and managing digital archives and special collections, improving access to shared resources and resulting in a 50% increase in student and alumni engagement.
- Reduced average problem resolution time by 40% by adopting AGILE practices, ensuring faster technical support for students and staff.

PROJECTS

Tuner.io | *Svelte, SvelteKit, Firebase(Auth,Store), TailwindCSS, Component Architecture*   Feb 2025 - Ongoing
- Developed a full-stack automotive tuning platform using Svelte, Firebase(Auth,Store), and Tailwind CSS, allowing users to manage vehicle modifications, track performance metrics, and participate in real-time discussions.
- Implemented a multi-step user onboarding flow using Svelte, Firebase Auth, and Firestore to register, collect, and store users' car data in a scalable NoSQL database, enhancing data structure and user experience.
- Designed a custom vehicle dataset with 50+ entries detailing specifications and tuning stages, integrated with a visual gauge to compare stock vs. modified performance, allowing users to track progress and receive tuning recommendations.
- Integrated Firebase Authentication and Firestore rules to secure user data, protect dynamic routes, and enable real-time updates to user profiles and mod configurations.

Lucid.options | *JavacScript, React, SQL(Prisma)*   May 2024
- Built a full-stack Shopify app using Remix framework and JavaScript allowing merchants to create unlimited custom product options, overcoming Shopify's 100-variant limitation.
- Modeled a product options management system using Remix framework and Shopify Polaris, featuring 4+ input types and price add-on capabilities.
- Applied Shopify App Bridge authentication and embedded app functionality for seamless integration within Shopify Admin.

Swift Banking App | *Swift, SwiftUi, Firebase(Auth,Store)*   October 2023
- Created a full-stack iOS banking application using Swift and Firebase (Auth, Firestore), enabling users to create accounts, manage transactions, and view real-time balance updates.
- Crafted an account generation system that creates unique randomized account and routing information upon registration, ensuring data integrity and preventing duplicates through validation logic.
- Designed the banking interface using SwiftUI with custom views for account dashboards, transaction lists, and fund transfers, implementing input validation and error handling ensuring seamless user experience.

TECHNICAL SKILLS

Languages: Python, JavaScript/TypeScript, Swift, HTML/CSS
Technologies: React, Next.js, TailwindCSS, Svelte, Svelte Kit, Node, iOS SDK
Tools & Databases: Git, Firebase, Visual Studio, Docker, Azure, SQL