

# Raidel Almeida

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## EDUCATION

**Florida International University**  
*Bachelor of Science in Computer Science*

Miami, FL  
Dec. 2026

## TECHNICAL SKILLS

**Languages:** Swift, Typescript, Java, Python, C++, SQL (Postgres), HTML/CSS

## LEADERSHIP EXPERIENCE

### Explore Hardware Technical Lead

Jan. 2024 – Dec. 2024

*INIT FIU Executive Board*

*Miami, FL*

- Led 12+ technical workshops reaching 500+ students, including robotics, Arduino programming, and 3D modeling workshops with average attendance of 30+ students
- Created detailed documentation and materials for workshop series, enabling continued learning beyond sessions
- Established safety protocols and standards for hardware lab operations, ensuring compliance with university guidelines
- Organized Florida's largest MLH hackathon, ShellHacks 2024, attracting 1400+ participants and 30+ industry sponsors

### INIT Build Intro Web Development Co-Lead

Sep. 2023 – Nov. 2023

*INIT FIU*

*Miami, FL*

- Led a team of **10+ members** to develop **Gadget Galaxy**, a tech product referral platform featuring interactive **3D product showcases** using **React**, **Three.js**, and **WebGL**
- Established **Agile development practices** and conducted bi-weekly code reviews, managing Git workflows and documentation for **4,000+ lines of code** across multiple features
- Architected responsive product catalog implementing **dynamic filtering**, **search functionality**, and **shopping cart system**, achieving **sub-second load times** through optimization
- Mentored team members in modern web development practices, including **React**, **Three.js**, and **Git**

## PROJECTS

### 🔗 SoniDough | *Next.js 14, TypeScript, Supabase, Zustand, Tailwind*

Nov. 2023 – Jan. 2024

- Made a **full-stack music streaming platform** featuring **OAuth authentication**, **liked songs library**, and **dynamic audio playback**
- Constructed **client-side state management** with **Zustand** and **custom hooks**, enabling seamless playlist navigation and audio controls
- Integrated **Supabase** backend for user authentication, song metadata storage, and media file management with **real-time updates**
- Crafted responsive UI using **Tailwind CSS** with **custom animations**, achieving mobile-first design and sub-100ms loading times

### 🔗 Portfolio Website | *Next.js 14, TypeScript, MDX, Tailwind, Prisma*

Jan. 2024 – Feb. 2024

- Engineered a **dynamic portfolio and blog platform** using **Next.js 14** with server-side rendering and **TypeScript** for type safety
- Built **content management system** using **MDX** and **Contentlayer**, featuring syntax highlighting, automated table of contents, and responsive image optimization
- Added custom analytics system with **Prisma ORM** and **PostgreSQL** to track post engagement metrics, achieving sub-100ms query response times

### 🔗 Mimir | *Go, Next.js, React, TypeScript, Python, WeaviateDB*

Knighthacks 2024

- Won ServiceNow Challenge (**1st place** among 250+ hackers) by developing an AI-powered documentation platform that streamlines technical knowledge management
- Implemented a scalable backend in **Go** with **WeaviateDB** vector database, implementing **real-time clustering** for intelligent document categorization
- Architected responsive frontend using **Next.js** and **TypeScript**, featuring dynamic search, chat interface, and automated documentation suggestions
- Integrated **OpenAI's GPT-4** for intelligent ticket clustering and automated documentation generation