Charles Cahill

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PROFESSIONAL EXPERIENCE

Iron EagleX, Inc, A GDIT Company   **MacDill AirForce Base, Tampa, FL**
Software Developer   *June 2025 - Present*
- Full-stack development utilizing React, Flask, SQL and MUI to build and maintain applications for U.S. Special Operations Command
- Worked in an agile setting using Jira. Experience creating web applications, unit tested using JEST, CI/CD using SonarQube and Gitlab.

Everglades Financial, LLC   **Lakeland, FL**
Junior Full-Stack Software Developer   *January 2025 - June 2025*
- Full-stack development utilizing HTML, CSS, PHP, Python, and SQL to build applications for the company's financial clients.
- Working on a team of 5-10 developers in an agile development setting

Iron EagleX   **Tampa, FL**
Software Engineering Internship   *May 2024 - December 2024*
- Created full-stack web applications in an agile development setting.
- Worked in a software development team of 5-10 developers.
- Developed APIs in .NET and integrated SQL database. Also created and connected a React.js front-end for the application.

Florida Polytechnic University   **Lakeland, FL**
Software Development Undergraduate Research Assistant   *January 2024 - May 2025*
- Assisted a professor in creating a full-stack web app called VLICS (NFC-based information system for smart cities and campuses). That allows users to create and store data of physical objects using NFC tags to point to the site.
- Utilized .NET, C#, PostgreSQL, Docker, and Next.js. Also utilized Leaflet and GPS services to integrate campus navigation

SOFWERX   **Tampa, FL**
Software Engineering Internship   *May 2023 - December 2023*
- Full-stack development with Next.js, Bootstrap, Tailwind, and Node.js.
- AWS deployment and headless CMS integration.
- UI/UX wireframing in Figma, version control using GIT, and utilization of open-source repositories

EDUCATION

Florida Polytechnic University   **Lakeland, FL**
Bachelor of Science in Computer Science with a concentration in Software Engineering   *August 2021 - May 2025*

SKILLS

JavaScript, React.js, React Native, Next.js, Express.js, MongoDB, Python, Flask, C, C++, Java, Tailwind, Bootstrap, HTML, CSS, PHP, GIT, C#, SQL, PostgreSQL, Docker, .NET, Linux / Unix, Experience in AWS and other services including Amplify, CloudFront, S3, EC2, Open AI, Strapi.io CMS, Vercel, Railway, and Linode.

PROJECTS

TXTWise.io
Founder, Lead Developer and Owner of a Full-Stack SaaS application that allows users to text AI models like ChatGPT, Claude, Deepseek, Gemini, and more directly over SMS. Built on Next.js, Express.js, MongoDB, and more, the platform is completely open-sourced, and fully online! Try it out for yourself at https://txtwise.io

Mockly.ai
Founding Developer of a tech startup Mockly.AI with 4 members currently. Mockly is a Full-Stack SaaS application built on Next.js, .NET, SQL, and referencing the OpenAI API, allowing users to create custom mock interviews based on job descriptions. Live now!

Cloud Connected PID Training System for TriNova Inc.
A senior capstone project, with the goal of designing and building a physical training system to educate a trainee on how to set PID values for a 2-pump input, random output water reservoir system, including a cloud implementation for data viewing built with Next.js and reference to Endress + Hauser Netilion REST API. The system also uses a PLC for the physical device, and communicates over Modbus to a Raspberry PI.

PROFESSIONAL HIGHLIGHTS

- Currently In possession of TS/SCI DOD clearance
- Freelance web development (see portfolio), ecommerce and small business focused - currently working on a website for a small town in Alabama as of Nov 2025.
- Eagle Scout