Charles Cahill

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PROFESSIONAL EXPERIENCE

Everglades Financial, LLC   **Lakeland, FL**
Full-Stack Software Development Internship   *January 2025 - Present*
- Full-stack development internship 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 Engineering Research Assistant   *January 2024 - December 2024*
- 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**
Computer Science 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, 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

Full-Stack Development Web Development (See Portfolio)
Experience building multiple full stack applications (such as Bookwise, VLICS, OTSCustomDesigns, and SOFWERX.org) primarily with Next.js, React.js, Express.js, C# (.NET), PostgreSQL, and Strapi CMS.

Bookwise
A full-stack web application built on Next.js, AWS, and JS, allowing users to make accounts and add book PDFs to view later or to share publicly with other users on the site. Check it out for yourself in my portfolio!

BasedGPT.Chat
An A.I. chatbot built on the llama model utilizing PygmalionAI, Runpod GPUs, and Chatbot UI for the frontend of the application. An uncensored ChatGPT. Offline due to high running fees

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.

LEADERSHIP

- In the process of obtaining a (TS/SCI) clearance through the DOD. Currently in possession of Interim Secret Clearance
- Freelance web development (see portfolio), ecommerce and small business focused
- Eagle Scout