Luke Anderson

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TECHNICAL SKILLS

Languages: GoLang, JavaScript/Node.js, Python, C/C++, Java, HTML, CSS, PHP, Basics of: SQL, React, Swift/SwiftUI

Developer Tools: AWS Lightsail, GitHub, Bitbucket, Ubuntu, Google Cloud, Swagger, Jest, Excel

EXPERIENCE

Software Engineer   Jul. 2024 – Present
Necival LLC.   *Remote*

- Developing a cryptocurrency trading systems using GoLang
- Aid in developing and deploying various software projects

Software Engineer Intern   Jan. 2024 – Jul. 2024, Jan. 2025 – Present
Airmeez Inc.   *Remote*

- Developed RESTful APIs in GoLang for data transfer with the main server
- Integrated new APIs with VoIP and telecom devices
- Currently utilizing C++ to facilitate communication with telecom servers and extend SoundHound AI connection times

Undergraduate Research Assistant   Aug. 2023 – Sep. 2024
University of Central Florida   *Orlando, FL*

- Modified quantum circuits using Qiskit and fed data to a neural network using TensorFlow
- Implemented Python scripts to enhance input/output data handling
- Collaborated on research via GitHub

PROJECTS

Fit Link | *MERN Stack, Node.js, Google Cloud, Jest, Swagger*   Mar. 2025 - Current

- Built a full-featured back-end for a personal trainer client management software in Node.js using Express
- Configured Google Cloud for OAuth and Calendar API connection to allow a cross platform user experience
- Utilized Jest for automated unit testing and ensure 100% success of all APIs
- Developed documentation using Swagger API docs that run on the /docs route of the server

Growbitz Bot | *Go, AWS Lightsail, MySQL*   Aug. 2024 - Current

- Aided in developement of a crypotcurrency trading bot that generates an average weekly return of 11% in this personal/professional project
- Utilized Coinbase API to automate trades and increase profits by 6%
- Designed and implemented an automatic restart system improving up time from 40% to 99.9%

SIP Message Waiting Indicator (MWI) | *GoLang - SipGo, net/http, google pubsub/storage* Jan. 2023 – Apr. 2023

- Developed a RESTful microservice for converting SIP packets to JSON
- Integrated with Google Cloud Storage and Pub/Sub for scalable processing
- If subscribed user had waiting message(s), the main server contacts my API which then notifies the SIP user's device

GoNotion AI Planner | *Go, Linux (Pi OS)*   Sep. 2024

- Developed an automatic REST API service that retrieved 5+ classes assignments and saved 15 minutes every day
- Integrated with ChatGPT to improve daily productivity by optimizing daily and weekly schedule
- Deployed on my Raspberry Pi5 which runs 24/7, ensuring an up time of 99.9%

EDUCATION

University of Central Florida   Orlando, FL
Bachelor of Science in Honors Computer Engineering, Minor in Physics, GPA: 3.73   *Aug. 2022 – May 2026*

St. Petersburg College   St. Petersburg, FL
Associate's of Liberal Arts   *Aug. 2020 – May 2022*

RELEVANT COURSEWORK

Computer Science: Introduction to C, Data Structures and Algorithms (Computer Science 1 and 2), Introduction to Object Oriented Programming, Introduction to Discrete Structures, Quantum Information Sciences, Operating Systems, Processes of Object Oriented Software Developement(IP)

Computer/Electrical Engineering: Linear Circuits 1 and 2, Digital Systems, Computer Organization, Computer Architecture, Electronics 1, Computer Communication Networks, Embedded Systems(IP), Junior Design(IP)