Garrett Tvedt

Full Stack Developer

gtvedt.com

github.com/tw33t3r

Technical Skills

Programming Languages

C++ • C • C# • Java • Python • GoLang • Haskell • Solidity • JavaScript • TypeScript • SQL Queries • Plutus • CSS/SCSS

Development Concepts

UI/UX Design • Database Design • Machine Learning • Blockchain • Operating Systems • Scrum • RESTful APIs

Technologies

Git • Docker • Angular • Truffle • React • MySQL • Microsoft Azure • AWS • Linux • NodeJS • ASP.NET • Universal Windows Platform

Other Skills

Japanese Fluency (JLPT N2) • Public Speaking • Soldering • Microcontroller Programming

Education

Please contact me for my education information

References

Please contact me for a list of references

Work Experience

Smart Contract Engineer/Full Stack
Jan 2021 - Current

Cartallos Finance
- Developed in-audit solidity contracts for EVM compatiable blockchains including deployment on the Matic Mainnet with a focus on test-driven development.
- Frontend Web3 development for interaction with smart contracts, logo design, layout design.

Freelance Developer
Jan 2021 - Current

- Web App development in Angular and React, Discord Bot development and integration, and Web Scraper development.

Dietary Aide
Aug 2020 - Jan 2021

- Cooking, Cleaning, Long-Term Patient Care.

Work Portfolio

Cartallos Finance
Web3, Solidity, JavaScript

https://github.com/instrumentDAO/Cartallos

Open source smart contracts created for the Cartallos Finance inital launch.
- Core contract automates swaps with Uniswap-based markets and stores value in-contract.
- Created governance token with ECDSA signing for on-chain governance.
- Contract interaction and testing on a private ganache node is emulated using Web3 calls.
- Deployed on the Matic Mainnet blockchain. Currently in security audit.

Web Portfolio - gtvedt.com
Angular, TypeScript, SQL, AWS Lambda

https://github.com/Tw33t3r/Portfolio

Reactive Full Stack Web App created from scratch using the Angular framework, a serverless AWS Lambda backend, and mySQL.
- Optimized using Google's best practices.
- Created with UI/UX principles.
- Website back-end is managed with AWS Cloudfront, and AWS Lambda.
- Contact data is fed into and managed by a MySQL server.

Functional Unix Filesystem
C++, C

https://github.com/Tw33t3r/Filesystem

Functional Unix Filesystem with a minimal partition manager and disk manager.
- A group project, coded in C++, managed with the Scrum Framework.
- Code was further edited and optimized for portfolio use.

Further Projects

Further programming projects may be found at: www.gtvedt.com, or on github at: www.github.com/Tw33t3r. Upon request, links can be provided for further projects demonstrating capability in:

- Haskell

- Go

- Java

- Python

- Plutus