

CryptoShare

A UNIFIED FINANCIAL MANAGEMENT APP

Current solutions have problems...

- ▶ Current income management and budgeting apps do not provide a way to track investments.
- ▶ Users have to utilize multiple separate apps.
- ▶ The apps that provide investment management are usually either for cryptocurrency holdings or stocks, rather than both.
- ▶ Lack of automation, requiring users to update their data across several apps regularly, without an ability to see how their money is divided across different assets, accounts etc.
- ▶ Budgeting apps still require manual interaction and calculations.
- ▶ Apps are proprietary and close-sourced while hosting user data on unknown servers.

CryptoShare aims to solve said problems.

- ▶ Users can track their cryptocurrency and stock holdings, and include both of these when it comes to income management and budgeting.
- ▶ Users would be able to track the value of their assets, view market data, and record transactions.
- ▶ Recurring events that provide income can be automatically set up, such as cryptocurrency mining/staking, or dividends paid out for holding certain stock shares.
- ▶ Chat bot with Natural Language Processing that can do anything the user can do with the standard UI of the app, such as recording transactions, providing price updates/alerts, or allowing the user to ask questions like “can I afford to order takeout this weekend?” while taking their spending habits and income into account.
- ▶ Self-hosted, open-source; users have full control of their data.

Why solve this specific problem?

- ▶ The best apps and products are usually ones the developers themselves use. The issue I'm addressing is one that affects me personally, and I'm aware of others that are facing the same problem.
- ▶ I have years of continuous experience in the key areas involved in the development of this app, from cryptocurrency and stock trading, to developing secure apps/software that heavily make use of both symmetric and asymmetric encryption. As such, I believe I'd be able to deliver a product with a robust set of useful features and tools for others facing my problem.
- ▶ A project I developed with only a fraction of the features (cryptocurrency management only) got about 50,000+ downloads, suggesting there's a need for this product, and that an actual realistic problem is being solved.

Tech Stack

- ▶ Database: SQLite
- ▶ API: Node.js, GraphQL, TypeScript
- ▶ Web App: HTML, CSS, TypeScript
- ▶ Desktop App: NeutralinoJS, EJS, CSS, TypeScript
- ▶ Mobile App: React Native, TypeScript
- ▶ Testing: Jest