

Cryptexis: A Cryptocurrency tracking website

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Introduction

- Cryptocurrency is gaining popularity with increased digital literacy and interest in owning digital assets.
- Challenges for beginners:
 - Complex UI
 - Lack of clarity and educational resources
- Our solution focuses on:
 - Intuitive UI with user-friendly navigation
 - Easy-to-read metrics
 - Educational tools and tooltips for informed decisions
- Goal: Empower users to track and manage cryptocurrency investments efficiently.

Features

- ① **Crpto education section**
- ② **Search, Sorting and Filtering Functionality**
- ③ **Dynamic Updates on cryptocurrency prices**
- ④ **Graphical Representation of price trends, trading volumes and market trends for a particular cryptocurrency**

Features

- ⑤ **two-factor authentication (2FA) for security**
- ⑥ **Portfolio Tracking:**
- ⑦ **Customizable Watchlist, saving favorite coins**
- ⑧ **Price Alerts based on user's desired thresholds**

Tech Stack

Frontend: React.js, Chart.js, D3.js

Backend: Node.js with Express.js

Database: MongoDB/PostgreSQL

APIs CoinGecko or CoinMarketCap

- **Enhanced data visualization:** adding more advanced visualization for user in addition to charts.
- **Tax Reporting:** integrate an automated tax reporting system that helps users understand their tax obligations based on their crypto transactions.
- **Crypto price prediction:** using ML to predict future prices of Cryptocurrencies.

Thank you!