

Alexander Cruciata

Personal Information

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Summary

Highly skilled Blockchain and Bot Developer with over 5 years of experience, specializing in Solana and Crypto Trading Bots. Self-driven and relentless learner with a strong foundation in computer architecture and systems. Proven expertise in Solana platform and proficient in Rust programming language.

Have a proven track record of creating trading bots with automated buy and sell order execution, real-time market data analysis, customizable trading strategies, and effective market value management.

Known for a meticulous approach to coding and a passion for leveraging technology to drive business success.

Education

University of Palermo | Palermo

Bachelor's degree in computer science 2015 - 2019

Codemotion | Palermo

Full time program in Web Development 2015

ITET.G CARUSO Institute of Technology | Alcamo

Diploma in Computer Science 2010 - 2015

Work Experience

Bot Developer | Freelance | 2022 – Present

- Designed and developed an AI chatbot for a customer service application, resulting in a 30% reduction in customer service inquiries and a 20% increase in self-service usage.
- Worked with clients to gather requirements and deliver tailored bot solutions.
- Developed custom automation bots to streamline business processes.
- Provided technical support and troubleshooting for deployed bots.

Blockchain Consultant & Developer | SISPI | 2020 – 2022

- Successfully developed and deployed multiple smart contracts and backend services on Ethereum and Hyperledger platforms.
- Developed secure wallets and offline transaction signing mechanisms for various cryptocurrencies, including EOS, XRP, LUNA and Cosmos, and successfully integrated exchange with these networks.
- Configured an off-chain swapping API using Node.js.
- Advanced backend services development to provide API services for the frontend.
- Developed a hierarchical deterministic (HD) wallet system with Java, integrating BitcoinJ library for Bitcoin and Tron's wallet-cli for Tron.

Junior Software Developer | WEBDEV Company | 2019 – 2020

- Assisted in the development of web applications using JavaScript and PHP.
- Participated in code reviews and contributed to the improvement of coding standards.
- Collaborated with senior developers to design and implement new features.

Skills

- Professional

- Communication
- Critical Thinking
- Work Under Pressure
- Building Relationships

- Technical

- Languages : C/C++ | Java | Python | HTML/CSS | JavaScript | PHP | Solidity | Rust
- Blockchain Development: Ethereum, Hyperledger, Solidity, Smart Contracts
- Bot Development: Chatbots, Automation Bots, Telegram & Discord Bots, Crypto Trading Bots
- Frameworks: React | Node.js | Next.js | Flask | Laravel | Material-UI | Web3
- Developer Tools: Git, Docker, Google Cloud Platform, VS code, Visual Studio, Eclipse

Projects

- **Solana Raydium Bot** : Developed a solana raydium bot using Solana and Python.

This bot is based on the solana and fetches the real-time trading data from raydium pool using WebSocket RPC.

- **AI PNL Bot** : Developed a solana PNL bot using Solana and Web3.js.

This bot analyze the specific token and observe the PNL price of token using CoinMarket API and Web3 API.

- **Fatal Chatbot** : Operated by a cosmetic company, represents a cutting

edge initiative designed to drive product sales and offer intelligent product recommendations.

This advanced chatbot possesses an extensive knowledge base encompassing all the products in the company's cosmetic lineup. The Fatal Chatbot serves as a virtual sales assistant, capable of not only facilitating seamless product purchases but also providing customers with precise and informed recommendations. With its comprehensive understanding of the entire product catalog, the chatbot can swiftly guide customers through product inquiries, offer detailed information, and assist with the purchase process, thereby creating a frictionless shopping experience.

- **Raydium SDK Swap** : This project demonstrates how to perform a token swap on the Solana blockchain using Raydium and Chainstack. The example specifically illustrates swapping SOL (native Solana token) for USDC (a stablecoin).

- **Big Sky Lodge Hotel Website** : Developed a solana PNL bot using Solana and Web3.js.

This bot analyze the specific token and observe the PNL price of token using CoinMarket API and Web3 API.