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Profile

As a software engineer with over 6 years of experience, I excel in both frontend and backend development, with particular expertise in web3 and blockchain technologies. I have deep knowledge of TypeScript, React, NextJS, Node.js, NestJS, and more, coupled with experience in team leadership, planning, and mentorship. Passionate about innovation and teamwork, I eagerly embrace new challenges and am committed to learning and growing in the ever-evolving tech landscape.

Professional Experience

2021/09 – 2022/08 Remote/Singapore	**Senior Full-Stack Engineer** *Rolla Finance* ⧉

I've worked on different projects over time, DeFi crypto options exchange, DeFi option-based yield generation app, ERC 4337 based DeFi price prediction app using spreads and digital options.

Key Responsibilities:
- **Lead Frontend Developer** with contributions to frontend, backend, and mobile development.
- Developed **custom packages** to facilitate functionality sharing across apps, including state-management, authentication, and smart contract interactions. Also for abstracting and reusing functionality across microservices.
- Integrated **authentication methods**, such as injected wallet, Walletconnect V2, and private key for both web and mobile platforms.
- Implemented **option-based RFQ systems** to connect different entities with the product and achieve performant quoting via Redis, Kafka, and Websockets.
- Integrated **bridge aggregators** for in-app asset bridging between chains.
- Developed **custom charting solutions** for complex data visualization, including option payouts and users' trades.

2020/11 – 2021/02 Remote	**Senior Full-Stack Engineer** *InstantOption*

I've worked on a decentralized binary options protocol.
Key Responsibilities:
- **Led frontend and backend development**, overseeing the integration of the frontend with on-chain smart contracts.
- Developed **custom charting solutions** for displaying user trades.
- Implemented various **authentication methods**, including injected wallet and social logins.

2018/10 – 2020/06 Remote	**Senior Full-Stack Engineer** *MixDice*

I've worked on a cryptocurrency-based gaming platform.
Key Responsibilities:
- **Led the project development,** responsible for both front-end and back-end web development.
- **Implemented Bitcoin and Ethereum deposit/withdrawal/wallet systems** for users and administrators by setting up BCoin and Geth nodes.

- Implemented a **provably fair random generation system** for transparent and fair gameplay.
- Established **real-time websocket-based communication** for different sections of the app.

|	
2018/09 – 2019/10 Remote/Iasi, Romania	**Fullstack Developer** *Cult Of Coders* ⧉ I've worked on different **outsourcing projects and companies**, including a **US startup**. - Responsible for both **front-end and back-end web development**, handling the full spectrum of software development tasks. - Worked **closely with clients** in an agile environment, establishing objectives and delivering incremental software updates. - Collaborated with the **engineering team** to design and launch new features, contributing to product development and innovation.

Education

2018 – 2021 Iasi, Romania	**Bachelor of Science (B.S.) Computer Science** *Faculty of Computer Science „Alexandru Ioan Cuza"* ⧉ My final year thesis was building a **decentralized system for supply chain traceability**. https://proofchain.alexcambose.ro/

Organizations

2019/03 – 2020/11 Iasi, Romania	**ASII - Iași Informatics Students Association, asii.ro** *IT Department* Led the development of a few projects for the association, such as FiiCode (https://fiicode.asii.ro/) and FiiPractic (https://fiipractic.asii.ro/).

Awards

2018/08	**Won first place in the 24 hours Fii Practic Hackathon** ⧉ *Fii Practic* I've built a social network for facilitating communication between teachers and students in 24 hours.
2018	**Won fourth place out of 51 projects** ⧉ *TechSoup Europe - Opening Opportunities* Won fourth place out of 51 projects in the Opening Opportunities contest and traveled to Bucharest, Romania to pitch the project in front of an audience. The project was a HTML and Javascript game.
2018/04	**Won second place in the 12 hours IT Marathon** ⧉ *League of Students of the Faculty of Automation and Computers from Iasi* I've built a platform where veterinary doctors and pet owners could schedule appointments and share medical information. The project was built with VueJs, PHP, and Laravel.

Interests

- Web3
- Fintech
- Blockchain
- Finance
- Ethereum
- NFTs