

Alexandru Cambose

Senior Software Engineer

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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'm versatile in handling projects from scratch, I bring 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

Senior Full-Stack Engineer

Remote/Singapore

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

Senior Full-Stack Engineer

Remote

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

Senior Full-Stack Engineer

Remote

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 - Iasi 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

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|-----------|--------------|------------|
| • Web3 | • Blockchain | • Ethereum |
| • Fintech | • Finance | • NFTs |