

Benjamin Berta

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About Me

As a software engineer with over 4 years of experience, I have a strong background in backend development using NodeJS and Typescript. My expertise extends to blockchain technology, where I have worked on projects involving Bitcoin, Ethereum, and Tendermint protocols. I am constantly exploring new technologies and staying up-to-date with the latest developments in the field. In addition to my technical skills, I am a quick learner and enjoy taking on new challenges to further my knowledge and expertise.

Skills

Backend:

- Typescript, NodeJS, GraphQL, Rust, PostgreSQL, MongoDB, Docker, Kubernetes

Blockchain:

- Bitcoin, Ethereum, Tendermint, Smart Contracts, Rust, Solidity

Frontend:

- Typescript, NuxtJS, Vue

Experience

• Junior backend developer

Barrage, Osijek, Croatia

November 2019 - September 2022

Projects worked on:

- Mining Performance Cloud - As a member of the backend team, I contributed to the refactoring of the software in NodeJS to meet the client's needs. My responsibilities included assisting with the improvement of the 2FA system, web socket notifications, and the performance of transaction queries.
- Crypto Wallet and Exchange - As a Junior Backend Developer on a team of 12, I assisted with the development of several key features, including an email service, authentication system, and KYC process, all built using NodeJS.
- Travelspot - As part of a team of 7, I helped design and develop a travel management platform using NodeJS. My contributions included assisting with software architecture development and backend system implementation.
- Ethereum Smart Contract Development - As a Blockchain Developer, I assisted with the creation of an ERC721 smart contract with lazy mint functionality and its integration with the frontend using web3.js and Vue.
- Secret Network Siena - As part of a team of 8, I contributed to the development and deployment of smart contracts on the Cosmos network using Rust Cosmos-SDK. My responsibilities included assisting with system architecture design, contract efficiency optimization, and security protocol implementation.
- Crypto Exchange - As a Junior Backend Developer on a team of 9, I assisted with the development of several key features of a cryptocurrency and asset exchange platform using Typescript, GraphQL, gRPC, and a microservice architecture.

• Mid backend developer

Barrage, Osijek, Croatia

September 2022 - now

Projects worked on:

- Crypto Exchange - As a member of a team of 9, I contributed to the development of a cryptocurrency and asset exchange platform using Typescript, GraphQL, gRPC, and a microservice architecture.
- GRN Grid Blockchain Protocol - As part of a team of 6 software engineers, I was responsible for researching and building the most appropriate consensus algorithm based on the client's needs. My contributions included the development of various parts of the software, such as the network, consensus, accounts, and storage systems, as well as various optimizations using Rust and the fBFT consensus algorithm.

Education

- **Master's degree, Electrical, and Electronics Engineering Electrical, and Electronics Engineering**

FERIT, OSIJEK, September 2017 - September 2020

- **Bachelor's degree, Electrical, and Electronics Engineering Electrical, and Electronics Engineering**

FERIT, OSIJEK, September 2013 - September 2017

Certificates

- **HEDERA CERTIFIED DEVELOPER**

The Hashgraph Association, 20th January 2023

- **BLOCKCHAIN DEVELOPER**

Udacity, 18th August 2021

Languages

- **Croatian**

Native speaker

- **English**

Daily use

Contact Me

-  [LinkedIn](#)
-  [GitHub](#)
-  [Gmail](#)