

Zoran Ćulum

Senior Frontend Engineer — Banja Luka, Bosnia and Herzegovina

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Frontend engineer with ten years of experience building products for fintech, healthcare, blockchain and eCommerce. React and TypeScript on the front, Node, .NET and Python behind it. I have taken a product from the first commit to a frontend team of twelve, and I work as comfortably with clients as with code.

Core stack

React · TypeScript · Next.js · React Native · Node.js · .NET · Python · GraphQL · PostgreSQL · MongoDB · Azure · AWS · Jenkins · Laravel

Experience

Senior Frontend Engineer, Symphony

May 2025 – Present | Fintech

React · Next.js · TypeScript · Python · .NET · Azure

- Design and build enterprise fintech systems, from frontend architecture through to service integration.
- Lead a group of frontend engineers on delivery, code quality and technical direction.
- Write proposals and technical documentation that support client engagements.
- Joined as a frontend engineer and moved into the senior role.

Software Engineer and Tech Lead, Toptal

Aug 2022 – May 2025 | Healthcare

React · React Native · Node.js · .NET · Azure

- Delivered frontend solutions for enterprise healthcare clients on contract.
- Worked across front end and back end on consultancy projects with shifting requirements.
- Deployed and released client platforms that gave teams clearer insight into their own data.

Software Engineer, My QR Code

Mar 2023 – Dec 2024

React · TypeScript · Next.js

- Built product features and owned the payment integrations end to end.

Software Engineer, Unizen

May 2022 – Sep 2024 | Blockchain

React · React Native · Next.js · Node.js · Web3

- Designed the interface for trading across several decentralised exchanges, plus an NFT marketplace, and kept swaps smooth under tight deadlines.
- Integrated MetaMask and Coinbase wallets with blockchain data APIs including Bitquery, OpenSea, LooksRare, Blockspan and Moralis.
- Built a dashboard for tracking initial coin offerings and token airdrops.
- Built a mobile app that verifies ownership of luxury cars and bags using RFID chips and on-chain records.

Software Engineer and Tech Lead, HTEC Group

Dec 2020 – May 2022 | eCommerce

React · Next.js · Node.js · GraphQL · PostgreSQL · AWS

- Started the project as the only developer and released a stable product with a frontend team of twelve.
- Set the architecture and held the performance of the main eCommerce site, including a full checkout used by thousands of people a day.
- Built the seller back office and a custom ticketing service inside it, with separate applications per staff role, used by museums and other art institutions.
- Led the frontend team and took part in technical and managerial decisions.

Software Engineer, Oroundo Mobile GmbH

Dec 2018 – Dec 2020

Node.js · React Native · Next.js · MongoDB · PostgreSQL · AWS · Jenkins

- Built a custom API gateway for the company's microservice architecture.
- Built real-time time tracking, payroll and subscriptions for a waste collection company, with more than 200 field staff checking in daily and thousands of customers.

Web Developer, Flashboys

Jan 2018 – Dec 2018

React Native · Vue.js · PHP

- Built a crypto wallet app for Android and iOS and shipped it to production.

Web Developer and Consultant, QSD BiH

Feb 2018 – Apr 2018

Laravel · Vue.js

- Developed a ride-hailing platform in Laravel and Vue.js.

Backend Developer, OGO Sense

Sep 2016 – Jan 2018

PHP · Laravel · WordPress

- Lead backend developer on projects for small and medium businesses across several industries.
- Started as a web development intern and stayed on full time.

Selected work

Crypto trading app — zcx.com

Client work rather than a personal project, and still the most interesting thing I have shipped recently. Heavy logic underneath to keep swaps smooth for users, and a UI built to a tight deadline.

Education and certification

Bachelor of Computer Science — Paneuropean University Apeiron, Banja Luka

Sep 2021 – present

Claude Certified Architect — Foundations — Anthropic (2026)

Languages

English · Serbian, Croatian, Bosnian · Russian