



Marko Perković

Senior Full-Stack & Blockchain Developer

Varaždin, Croatia

 super.dev.947@gmail.com |  +385 (612) 643-0873

SUMMARY

Experienced **Senior Full-Stack & Blockchain Developer** with **10+ years** of expertise in **web, mobile, NFT marketplaces, DeFi platforms, microservices, and scalable cloud-based applications**. Delivered **40% faster API responses, 50% improved query speeds, and 30% reduced latency** in high-traffic blockchain applications. **Architected 5+ NFT/DeFi platforms** securing **\$10M+ in staking TVL** and serving **100K+ monthly active users**.

EXPERIENCE

Senior Full-Stack Developer

Roombr | Bengaluru, India | **2022 – Present**

Leading the development of high-performance, real-time education platforms with a focus on scalability and cutting-edge technology.

- **Scaled micro-frontend architecture**, improving **team productivity by 35%** and reducing build times **by 25%** using **Angular, Nx, and Web Components**.
- Built **real-time education apps** with **WebRTC & Electron**, supporting **50K+ concurrent users** with **<200ms latency**.
- Optimized UI performance with **Tailwind CSS & Material UI**, reducing **page load time by 40%** (Lighthouse score **95+**).
- **Architected scalable micro-backend** services combining **Firebase, WebSockets**, and **Node.js**, achieving **10K+ real-time messages/sec** with **99.9% uptime** via distributed queues and optimized connection management.
- Reduced backend costs **by 30%** using **AWS Lambda & Redis caching**, cutting API response times **from 800ms to 300ms**.

Blockchain & Full-Stack Developer

BetConstruct | Yerevan, Armenia | **2020 – 2022**

Spearheaded the integration of blockchain and Web3 technologies into a high-traffic online casino platform, driving user engagement and retention.

- Developed **React/Next.js casino platform**, increasing **user retention by 45%** and **betting volume by 60%**.
- Built **React Native mobile app**, reaching **500K+ downloads** with a **4.8/5 App Store rating**.
- Integrated **NFT rewards & Web3 auth**, driving **20% higher engagement** and **15% more premium users**.
- Optimized **PostgreSQL & Redis**, slashing **API response times by 40%** (from 1.2s → 700ms).
- Deployed **GCP BigQuery analytics**, reducing report generation time **from 10min to 30s**.

Blockchain & Full-Stack Developer

Arbona | Varaždin, Croatia | **2015 – 2020**

Built and scaled early-stage DeFi and NFT solutions, establishing a foundation for secure and efficient blockchain transactions.

- Launched **cross-chain NFT marketplace**, processing **5K+ transactions/day** with **<\$0.10 avg. gas fees**.
- Developed **Solidity staking contracts**, attracting **\$5M+ in TVL** with **15% APY rewards**.
- Built **DeFi yield farming dApp**, increasing **liquidity pool participation by 200%**.
- Cut **real-time data latency by 50%** using **Firebase & Redis caching**.

EDUCATION

Bachelor's Degree in Computer Science
University in Split, Croatia | **2011 – 2015**

TECHNICAL SKILLS

Front-End Development:

HTML, CSS, SASS, SCSS, JavaScript, TypeScript, Bootstrap, Material UI, Three.js, React, Angular, Vue, Redux, Next.js, Nuxt.js

Back-End Development:

Node.js, Express.js, Fastify, Nest.js, PHP, Laravel, CodeIgniter, Yii, Symfony, Rust, Anchor

Blockchain Development:

Solidity, Rust, Ethereum, Binance Smart Chain (BSC), Polygon, Avalanche, Fantom, Solana, Near

Databases:

MongoDB, MySQL, PostgreSQL, Firebase

Mobile Development:

React Native, Ionic, Flutter

Other Technologies:

Docker, AWS, GCP, Kubernetes, WebRTC, WebSockets, ChatGPT, AI, Jira, GitHub, GitLab

LANGUAGES

- **English** (Professional Proficiency)