

JOSIP NERETLJAK

Senior Software Engineer

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📍 Rijeka, Croatia

ABOUT ME

Innovative and results-driven software engineer with extensive experience designing, developing, and deploying secure, scalable, and high-performance solutions across web, mobile, and blockchain platforms. Skilled in backend architecture, smart contract development, and cloud-based systems, with a strong track record of delivering cutting-edge applications for high-profile clients. Adept at leading technology strategy, implementing robust security protocols, and optimizing development pipelines to achieve operational excellence. Passionate about leveraging advanced cryptography, zero-knowledge proofs, and modern frameworks to create reliable and forward-thinking software solutions.

WORK EXPERIENCE

Nexifuse | Jan 2025

Director - technology

- Led the technology strategy and backend engineering efforts for building secure and scalable solutions in healthcare and blockchain.
- Architected and developed backend systems leveraging zero-knowledge proofs to enable secure smart contract execution without exposing sensitive data.
- Oversaw system performance, security audits, and deployment pipelines to deliver reliable decentralized healthcare applications.
- Contributed to product innovation by integrating cutting-edge data protection and cryptographic techniques, enhancing trust in digital healthcare solutions.

Thrillion LLC | May 2023

Senior Software Engineer

- Delivered multiple projects across web, mobile, and game development in an IT agency setting.
- Engineered backend systems with Node.js, leveraging Supabase, Firebase, AWS, and GCP for scalable, secure, and high-performance solutions.
- Developed and maintained Telegram-based games and project backends, ensuring reliable real-time interactions.
- Built and deployed cross-platform mobile applications using React Native and Expo, enhancing accessibility and user experience.
- Implemented CI/CD pipelines and Docker-based workflows to streamline development, testing, and deployment.
- Integrated third-party APIs and subscription-based permission systems to expand functionality and improve security.

Rasta Finance | Dec 2021 - Mar 2023

Blockchain Engineer

- Developed and deployed DEX, NFT marketplaces, and various staking and farming contracts, including financial NFT staking solutions.
- Designed and implemented smart contracts to ensure secure and efficient decentralized operations.
- Integrated blockchain-based systems with front-end applications for seamless user interaction.
- Collaborated with a team to deliver scalable and innovative decentralized solutions.

iBluday Corporation | May 2020 - Jul 2022

Mobile Application Developer

- Designed and developed Android and iOS mobile applications for booking, tracking, and other service-based solutions, enhancing user engagement and accessibility.
- Built intuitive and responsive UI/UX using modern frameworks and tools, ensuring seamless performance across devices.
- Implemented RESTful API integrations to connect mobile apps with backend services, enabling real-time data synchronization.
- Adapted to evolving project requirements, continuously learning and applying new technologies to improve development efficiency.

RecruitTalk Service | Sep 2018 - Feb 2020

Web and SEO Enhancement

- Developed a job information platform specifically for student athletes, enabling universities and companies to post job opportunities that align with their academic and athletic commitments.
- Integrated Stripe payment gateway into Ruby on Rails to manage membership ranks efficiently.
- Implemented the Solr search engine to enhance SEO and improve visibility for job postings.
- Created an intuitive website user interface using ERB, facilitating seamless navigation for users.

EDUCATION

UNIRI University of Engineering | 2013 - 2017

Bachelor of Science in Computer Science

SKILLS

- Full-stack development
- Blockchain architecture
- Software development lifecycle
- Cloud infrastructure
- Security evaluation and automation
- Project coordination and critical thinking