

Dimitrije Vulovic

Senior Blockchain Developer

✉ dimitrije.privacy@gmail.com ☎ + 381 11 4223033 📄 dimitrije-vulovic-6501b7308 📍 Zrenjanin, Serbia

Profile

As a senior blockchain developer with over 8 years of experience in designing and developing smart contracts and financial systems. My primary programming languages are Solidity and Rust, and I occasionally use TypeScript and Python for web3 integration. I'm also familiar with DevOps pipelines and have participated in building them several times and have good collaboration skills with cross-functional teams to finish the project successfully.

Skills

- **Programming Languages:** Ruby, Solidity, Rust, JS/TS, Python, C#, Java, Go
- **Blockchain:** dApps, DEX, Defi, EVM, Solana, Truffle, Hardhat, Anchor, Web3.js, ethers.js, Trading Strategy
- **Frontend Frameworks:** React.js, Next.js, Vue.js (v2, v3), Nuxt.js, Angular, Svelte.js, Bootstrap, Tailwind CSS, jQuery
- **Backend Frameworks:** Express.js, NestJS, Django, Flask, FastAPI, Ruby on Rails, ASP.NET, Spring-Boot, Golang, Laravel
- **Libraries:** JWT, OAuth2, Auth0, Passport.js, REST API, GraphQL
- **DBMS:** PL/SQL, MySQL, SQL Server, MariaDB, Postgres, MongoDB, Redis, Pinecone
- **Generative AI:** GPT-4, OpenAI, NLP, DALL-E, RAG, LlamaIndex, LangChain, Claude, Google-Gemini
- **DevOps:** CI/CD, Terraform, Jenkins, Git, Docker, K8S, Kelm, SSL/TLS, Selenium, Jest, AWS, S3, GCP

Professional Experience

Senior Blockchain | AI Developer, Mitigate, Novi Sad 03/2021 - 09/2024

- Spearheaded the successful development of a DeFi platform that processed over \$30 million in transactions within the first year, with significant improved user engagement and increased trust.
- Developed the custom tokens for several platforms, adhering to ERC-20 standard, and facilitated the token's successful launch and listing on multiple exchanges.
- Performed regular security audits on smart contracts and identifying and implementing vulnerabilities that improved the overall platform security posture.
- Worked with leading blockchain platforms like Ethereum, BNB, Polkadot, Solana, TON to ensure efficient contract deployment, network integration and token standards like ERC-20 and ERC-721.
- Designed and deployed smart contracts for lending and borrowing services ensuring the integrity and security of financial transactions through meticulous testing auditing.
- Continually engaged research and experimentation with emerging blockchain technologies, ensuring the company remained at the cutting of industry trends.
- Organized and led workshops on blockchain workshops for internal teams and external partners, promoting a deeper understanding and adoption of decentralized technologies.
- Worked fluently with legal and agency teams to navigate the regulatory landscape, ensuring that all blockchain solutions met international legal standards.
- Mentored 3 junior developers for using Devops pipelines efficiently and designing and developing solutions successfully.
- Collaborated with cross-functional teams for building user-friendly solutions.

- Successfully updated and maintained blockchain applications to ensure they include latest security fixes and technological improvements with keeping the system secure and efficient.
- Developed and deployed 100 over smart contracts on Ethereum blockchain for a variety of clients, ranging from creating basic tokens to build complex DApps tailored to specific business needs.
- Designed a blockchain-based supply chain management system that significantly improved product traceability and transparency for a global logistics company to enhance its operations and build trust with its partners.
- Created a decentralized identity management solution that allowed users with secure and verifiable identities that was successfully adopted by a large multinational bank to improve KYC processes.
- Collaborated with UI/UX designers to create intuitive interfaces for blockchain applications, resulting in improved user adoption rates.
- Led the transition of client applications from traditional CEX systems to DEX platforms which helped clients reduce their operational costs and improve the reliability and integrity of their data.
- Contributed to building a custom blockchain designed for financial transactions that require high speed and low latency, ensuring fast and efficient process.
- Engaged in the community by contributing to open-source blockchain projects, which enhanced the company's reputation in the blockchain ecosystem.
- Provided technical advice for clients on how to adopt blockchain tech, helping them understand the benefits and challenges of decentralized technologies.

Full-Stack Blockchain Developer, Dignitive, Belgrade

09/2017 - 03/2019

- Designed and developed a real-time blockchain explorer web application for Kadena using Nuxt.js and WebSockets, providing users with an intuitive interface for exploring the network's data.
- Implemented a scalable architecture for the Kadena blockchain explorer using WebSockets, allowing the application to handle high volumes of real-time data without sacrificing performance or reliability.
- Streamlined the content management process by creating Strapi CMS schemas that are admin-friendly and integrated them into websites and reduced unnecessary data load by 30% and speeded up data retrieval for the frontend that improving overall platform efficiency.
- Significantly optimized API requests by calling API endpoints that interact with Strapi CMS using Axios, leading to a 20% reduction in traffic usage.
- Effectively implemented continuous integration and continuous deployment (CI/CD) pipelines using tools like Jenkins, Gitlab CI and Docker, ensuring seamless testing and deployment of smart contract and applications.
- Integrated third-party APIs to fetch and display live blockchain data allowing users to track and visualize real-time blockchain metrics directly on the platform.
- Demonstrated exceptional teamwork by collaborating on Github workflow, server management, and Strapi CMS systems to ensure flexible operations.
- Received positive feedback from the Kadena community for the user-friendly design and real-time updates provided by the blockchain explorer, contributing to increased adoption and awareness of the Kadena network.
- Maintained a well-organized workflow by actively participating in Agile ceremonies like weekly standup and end meetings and using Asana as the workflow management platform.

Education

University of Novi Sad

2013 - 2017

Bachelor's Degree in Technology