

Mykola Mysechko

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Summary

Innovative and results-driven Full Stack Engineer with 9 years of experience building scalable, consumer-facing applications and blockchain-based solutions. Proven expertise in Typescript, NextJS, React, and EVM blockchain development, with a track record of delivering high-impact projects 10x faster than industry standards. Passionate about leveraging blockchain technology to revolutionize gaming ecosystems, empower players, and solve real-world problems. Adept at building composable, maintainable, and performant systems while balancing simplicity and scalability. A crypto-forward builder with a strong entrepreneurial mindset and a history of creating SaaS products or indie projects.

Experience



Senior Fullstack Developer

NetSwagger

Sep 2023 - Present

- Designed and implemented a decentralized gaming platform using Typescript, NextJS, and Solidity, enabling seamless in-game asset ownership for 100,000+ users.
- Developed EVM-compatible smart contracts for in-game economies, reducing transaction costs by 40% and improving user onboarding.
- Built a React-based frontend with Wagmi integration to provide a seamless wallet connection and transaction experience for non-crypto-native users.
- Optimized blockchain data indexing using GraphQL, reducing query response times by 50% and improving platform performance.
- Collaborated with a cross-functional team to deliver the project 3 months ahead of schedule, achieving 90% user retention within the first 6 months.



Software Engineer

Diligent

Jun 2022 - Jul 2023

- Led the development of a chain-agnostic gaming marketplace using MERN stack (MongoDB, Express, React, Node.js), enabling cross-chain asset trading for 50,000+ users.
- Implemented Redis caching to handle 10,000+ concurrent users, reducing API response times by 60%.
- Integrated Ethers.js for secure and efficient blockchain interactions, ensuring a smooth user experience for crypto and non-crypto users alike.
- Designed and deployed Postgres databases to store and query complex gaming data, improving data retrieval speeds by 30%.
- Mentored junior developers, fostering a culture of high ownership and rapid iteration within the team.



Software Engineer

NexWeb

Jan 2020 - May 2022

- Built a SaaS platform for financial analytics using React Native and Node.js, serving 20,000+ monthly active users.
- Developed RESTful APIs to integrate with third-party services, reducing development time by 25%.
- Implemented MongoDB for scalable data storage, handling 1M+ transactions daily with 99.9% uptime.
- Conducted performance tuning and load testing, achieving a 40% improvement in system throughput.
- Delivered the project 2 weeks ahead of schedule, exceeding client expectations and driving a 20% increase in user engagement.



Software Engineer

Suffescom Solution Inc

Oct 2017 - Nov 2019

- Developed a content delivery platform using NextJS and Redis, reducing page load times by 50% and improving user retention by 25%.
- Designed and implemented a real-time notification system using WebSockets, enhancing user engagement by 30%.
- Migrated legacy systems to a modern tech stack, reducing maintenance costs by 35%.
- Collaborated with UX designers to deliver a responsive and intuitive user interface, increasing customer satisfaction scores by 15%.
- Resolved critical production issues, improving system stability and user satisfaction.



Front-End Developer

Altamira

Oct 2014 - May 2015

- Developed high-performance, responsive web applications using React.js, Next.js, and TypeScript to enhance UI/UX.
- Collaborated with UI/UX designers to translate Figma and Adobe XD designs into pixel-perfect, interactive web interfaces.
- Implemented state management solutions using Redux, Zustand, or Context API to optimize application performance.
- Integrated RESTful APIs and GraphQL for seamless data fetching, ensuring smooth frontend-backend communication.
- Enhanced website accessibility and SEO by implementing best practices, improving Core Web Vitals, and ensuring WCAG compliance.
- Optimized front-end performance through code-splitting, lazy loading, and efficient asset management.
- Built and maintained reusable UI components for a consistent design system using Storybook and Tailwind CSS.
- Worked in an Agile environment, participating in sprint planning, daily stand-ups, and code reviews to maintain clean, scalable code.
- Resolved critical production issues, improving system stability and user satisfaction.

Education



Clack College

Master of degree, Computer Science

Sep 2015 - May 2017



National Aviation University

Bachelor's degree, Computer Science

Sep 2010 - Aug 2014

Skills

- Languages

HTML5, CSS3, JavaScript (ES6+), TypeScript, Rust, Solidity

- Frontend

React, Next.js, React Native, Material-UI, Redux, Vue.js, Nuxt.js, Angular, Svelte, Gatsby, Ethers.js, Web3.js, Wagmi

- Backend

Node.js, Express.js, Nest.js, RESTful APIs, Django, Flask, FastAPI, GraphQL

- Database

MongoDB, PostgreSQL, Redis, MySQL, T-SQL, Elasticsearch, DynamoDB

- Blockchain Tools

EVM, Smart Contracts, Indexing (Graph), Chain Abstraction

- Cloud Platforms

AWS, Azure, GCP

- Development and Operations

Docker, Kubernetes, CI/CD pipelines, GitHub Actions

- Tools

Git, Jira, Figma, Postman, Swagger

- Soft Skills

Agile methodologies, client interfacing, cross-functional collaboration, problem-solving, System Design, Performance Optimization