DANIL SITDIKOV - SOFTWARE DEVELOPER

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About Me

I am based in Bishkek, Kyrgyzstan.

I have strong experience in both Frontend and Backend development using Node.js, having worked on a wide range of full-stack projects over the past several years. My background includes building scalable APIs, real-time systems, and complex user interfaces with modern JavaScript and TypeScript frameworks.

In addition, I have hands-on experience working with Rust in the Solana blockchain ecosystem, where I developed smart contracts and integrated them with backend and frontend applications.

Currently, I'm actively focusing on transitioning into Rust backend development, expanding my expertise in building high-performance, type-safe, and reliable backend systems using modern Rust frameworks and tools.

On a personal level, I'm a communicative and non-confrontational person who enjoys working in a team environment and contributing to a positive and productive atmosphere.

Written.app   **EXPERIENCE**

AUGUST 2024 - MAY 2025

Position: **Rust Solana Developer**

I'm a Solana developer at Written, focusing on building scalable on-chain experiences with Compressed NFTs (cNFTs). My work involves designing efficient minting, storage, and verification systems using Solana's state compression technology — making NFTs cheaper, faster, and more accessible for large-scale projects.

I'm passionate about performance, on-chain architecture, and bringing real utility to the Solana ecosystem.

List of technologies I work with:

- Solana SDK
- Cargo
- Node.js
- Rust
- Metaplex

ToTheMoon

APRIL 2024 - NOVEMBER 2025

Position: **Rust Solana Developer**

At ToTheMoon, I developed a token launchpad on Solana — a full-stack platform for creating, managing, and distributing new SPL tokens.

My role involved designing smart contracts for fair launches, automated liquidity locking, and whitelist integrations, as well as building the front-end interface for seamless project onboarding. The goal was to give Web3 teams an efficient and transparent way to bring their tokens to market.

List of technologies I work with:

- Solana SDK
- Cargo
- SPL token
- Node.js
- Rust

BullPerks

AUGUST 2024 - APRIL 2025

Position: **Rust Solana Developer**

I work at Bullperks as a Solana smart contract developer, focusing on building and maintaining programs written in Rust using the Solana SDK and Anchor framework. My responsibilities included developing on-chain logic, writing tests, and deploying smart contracts

In addition to smart contract development, I also maintained the Node.js backend, ensuring smooth integration between the blockchain layer and the server-side infrastructure. I handled various backend tasks such as wallet interactions, transaction processing, and data synchronization with the blockchain

List of technologies I work with:

● Solana SDK   ● Cargo   ● SPL token   ● Node.js   ● Rust

frakt.xyz

MAY 2023 - AUGUST 2024

Position: **JavaScript / Rust Solana Developer**

I worked at Frakt, initially joining the team as a Node.js developer. Over time, I began receiving tasks related to Rust and Solana, which allowed me to dive deeper into blockchain development. This hands-on experience helped me build a solid foundation in Solana smart contract development, and I eventually became confident working with the full Web3 stack

List of technologies I work with:

● Node.js   ● TypeScript   ● Solana web3.js   ● Jest   ● Anchor   ● Rust   ● Mongo

xfamily.io

AUGUST 2021 - APRIL 2023

Position: **Node.js Developer**

I worked as a Node.js backend developer on a product focused on cryptocurrency swaps. My main responsibilities included building and maintaining APIs, managing database interactions, and supporting a large-scale portal that provided optimized solutions for swapping cryptocurrencies.

As part of the development team, I gained valuable experience working in the Web3 space, particularly in integrating and interacting with smart contracts. I also worked with asynchronous messaging using RabbitMQ, implemented caching and session management with Redis, and wrote tests using Jest to ensure code quality and stability.

List of technologies I work with:

● Node.js   ● RabbitMQ   ● TypeScript   ● Web3.js   ● Redis   ● REST API   ● Jest   ● Mongo

Ownix.com

MARCH 2020 - AUGUST 2021

Position: **Node.js Developer**

At Ownix, I worked as a Node.js developer in a startup focused on NFT sales. My role involved developing and maintaining backend services, implementing real-time communication features, and supporting the overall infrastructure of the platform.

During my time there, I gained solid experience in database design, working primarily with PostgreSQL and Redis, and explored different ways of connecting with clients through technologies like WebSocket and Server-Sent Events (SSE). I also deepened my understanding of microservice architecture and integration with various third-party services.

List of technologies I work with:

● Node.js   ● RabbitMQ   ● TypeScript   ● Postgres   ● Redis   ● REST API   ● Websocker   ● SSE

P2P.org

AUGUST 2019 - MARCH 2020

Position: **Front-End Developer**

At P2P.org, I worked as a Front-End Developer in a large product-focused company. My primary responsibilities included developing and maintaining user interfaces for internal and customer-facing applications, ensuring seamless integration with backend APIs.

I worked on building responsive and user-friendly interfaces using React.js and Vue.js, managed application state with Redux, and contributed to improving overall frontend architecture. I also collaborated closely with backend developers to ensure smooth API integration and a consistent user experience.

List of technologies I work with:

●Node.js ●React.js ●TypeScript ●Vue.js ●Redux ●REST API ●Ghost.js

Zensoft.io

DECEMBER 2017 - AUGUST 2019

Position: **Front-End Developer**

At Zensoft.io, I worked on the development of complex Single Page Applications (SPAs) and backend services as part of a cross-functional team. This was my first experience in an outsourcing company and also the beginning of my journey into backend development using Node.js.

My responsibilities included supporting and refactoring legacy code, as well as writing clean, maintainable code for new features. I collaborated closely with backend and frontend developers, mobile developers, project managers, and QA engineers. Over time, I progressed to a Team Lead role, taking on more responsibility for planning, architecture, and code reviews.

List of technologies I work with:

●Node.js ●React.js ●TypeScript ●Redux ●REST API ●Jest ●Express.js
●TypeORM ●Postgres

Svetofor.info

JANUARY 2015 - DECEMBER 2017

Position: **Front-End Developer**

At Svetofor.info, I had my first in-office experience working as part of a development team. I collaborated closely with a backend developer and was responsible for building and maintaining frontend components of the company's websites.

This role helped me gain basic knowledge of team-based development, workflows, and project structure. It laid the foundation for my future growth as a frontend developer.

List of technologies I work with:

●HTML5 ●CSS3 ●JavaScript ●WordPress ●DOM API

Rust

SKILLS

After 6 years of experience with JavaScript, I made a successful transition to Rust development. This shift allowed me to dive deeper into systems programming and blockchain technologies, with a particular focus on the Solana ecosystem.

Through building smart contracts (programs) and integrating them with frontend and backend systems, I've gained hands-on experience in creating efficient and secure on-chain logic. I also work extensively with Solana web3.js for frontend-to-chain communication.

In parallel, I'm actively growing as a backend developer using Rust, focusing on building scalable APIs and blockchain-integrated services. My experience includes working with Actix Web, Diesel ORM, and writing robust server-side applications with Rust's strong type system and performance advantages.

My background in full-stack JavaScript development has given me the flexibility to understand the entire flow—from UI to smart contracts—while Rust has opened up a powerful new layer of performance and safety in my development approach.

List of technologies I work with:

● Core lib ● Anchor ● Actix-Web ● Rust Solana ● Solana sdk

Back End

I'm actively deepening my expertise in building backend systems using Node.js, with a strong interest in microservice architecture. Over the past 3 years, I've gained solid hands-on experience working on backend projects, and I continue to grow in this area by building scalable, maintainable services.

Recently, I've been working primarily with Nest.js, but I also have real-world experience using Express.js and Koa.js in production environments. I'm passionate about building reliable APIs, efficient data models, and well-structured services.

In addition to backend development, I have a strong interest in DevOps technologies. I enjoy working with tools such as Docker, Jenkins, Kubernetes, and setting up CI/CD pipelines to streamline development and deployment processes.

List of technologies I work with:

● Nest.js ● Express.js ● Postgres ● Mysql ● TypeORM ● RabbitMQ ● Elasticsearch ● Redis ● MongoDb ● TypeORM ● SQL ● Docker ● TypeScript ● GraphQL ● Swagger ● Docker ● Docker-compose

Back End

I have around 3-4 years of experience working as a frontend developer, during which I held roles ranging from middle to senior, and even took on responsibilities as a team lead and tech lead. While frontend is no longer my main focus, it played a major role in shaping my expertise in JavaScript and TypeScript, which continues to benefit me in backend and full-stack development.

I've built complex, responsive, and cross-browser web applications, using modern frameworks and a variety of architectural patterns depending on the needs of each project.

My primary tools were React.js and Vue.js, along with associated state management libraries and build tools.

List of technologies I work with:

● React.js ● Next.js ● Gatsby.js ● Redux ● Mobx ● Vue.js ● Vuex ● Nuxt.js ● Zustand ● CSS ● Styled Components ● CSSinJS ● JSS ● JQuery ● REST api ● Apollo GraphQL