




ADAM PETROFF

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PROFESSIONAL SUMMARY

A seasoned Full-Stack Engineer working professionally since 2016 in developing complex web applications, APIs, and blockchain solutions. Adept at expanding my skill-set, learning to use new technologies, and communicating effectively with the team. Proven ability to work independently and deliver high-quality solutions with focus on detail. I am used to working both on-site and remotely.

EXPERIENCE

Lead Front-End Developer | Blockczech s.r.o.

2021 – PRESENT

I started as a full-stack developer and later I transitioned to a lead front-end developer. I made technological decisions, advised and helped other developers when they got stuck on a problem. I worked on almost every aspect of the codebase on most of the projects. While I worked mainly on the front-end, I also wrote, tested and deployed a number of smart contracts, and made changes on the back-end of many of the projects.

Technologies used include Next.js, React, TypeScript, Tailwind, Redux, Framer-Motion, SASS, Ethers.js, Docker, AssemblyScript, GraphQL, Solidity, Python, Django, AWS

Key projects:

- **Artchain** - platform for managing art collections and authenticating art.
- **Cryptomeda** - a gaming platform which utilizes blockchain in its games. Some of my work here includes large scale refactoring and introduction of TypeScript, implementing new design, creating a marketplace with NFT selling and auctions feature, SEO improvements.
- **XLA** - The project allows for the creation of a customizable smart contract to handle incoming funds and split them among recipients based on chosen settings.
- **Liithos** - An e-commerce website for premium NFTs with time-limited offers, customizable bundles, various discounts and other features. I implemented the whole front-end according to requirements.

Blockchain Developer | Pixelfield

2024

I Developed and managed a blockchain solution for a client. I've designed, developed, tested, deployed into production and managed several smart contracts, such as Staking, Vesting, Airdrop, NFT Sale, and an ERC20 contract.

Full-stack developer & CTO | MagicCraft

2023

- Led full-stack and blockchain development, made technological decisions, planned new features, and mentored junior developers.
- Utilized Solidity, Hardhat, TailwindCSS, ReactJS, TypeScript, Framer Motion, Radix UI, Web3Modal, Ethers.js, Redux, NodeJS with TypeScript, ExpressJS, Prisma ORM, PostgreSQL.
- Managed deployment using AWS EC2, Netlify, GitHub, TheGraph, and Pinata.
- Ended collaboration due to prolonged funding issues.

Full-stack Developer | Few app

2021

Few app is an event-booking app for sport/lifestyle events. I worked here as a part-time contractor during a critical time period for this startup.

Technologies: NestJS, SASS, TypeScript, NodeJS, Docker.

Some of my finished features include:

- web version of the Few mobile app, including all the styling and functionality.
- event-booking flow
- refactoring the back-end

Front-End Developer | Fae

2018 – 2021

Fae is a "WYSIWYG meets standard code" programming platform that allows for the creation and deployment of fully customized web pages. The user could build pages by using pre-made templates, customizable components, a custom type system.

The codebase was quite complex and was predominately front-end focused. In a team of just two developers, I played a significant role in the project, contributing a substantial portion of the codebase as well as ideas for features and product development.

Technologies used include React, Redux, TypeScript, Figma, Styled Components, Docker.

Back-End Developer | Futured

2017 – 2018

At Futured, my responsibility was building REST APIs for different iOS & Android apps. I learned a lot about upholding code standards and peer reviews of merge requests while working here.

Technologies: PHP 7.2 & Silex framework, MySQL, Docker, CircleCI, PHPUnit, PHPStan, PHPCS

Back-End Developer | Cleevio

2016 – 2017

I worked on developing multiple back-ends for various iOS & Android apps.

Technologies: PHP 7.1, Silex, Symfony, MySQL, RabbitMQ, CQRS pattern, Doctrine

EDUCATION

Grammar school | Gymnazium Pierra de Coubertina

2011 – 2015

My course included increased focus on programming and IT in general.

TECHNOLOGIES

React

Next.js

TypeScript

NodeJS

ExpressJS

Solidity

Testing

Docker

SQL

Python

CSS

TailWind