
STEVAN BOGOSAVLJEVIC

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Solidity Engineer

Summary

Based in Podgorica, Montenegro (CET), I am an experienced Software Engineer with over 8 years of experience in diverse aspects of software development.

In 2021, I pivoted from a successful career in mobile app development to focus on the web3 space, underpinned by my long-standing interest in cryptocurrency development and the Ethereum ecosystem since 2017. The potential of DeFi and NFTs has particularly captivated me, leading to my decision to specialize as a Smart Contract Engineer.

Over the past two years, I have gained substantive expertise in Solidity, leveraging tools such as Hardhat, Foundry, and ethers.js. In addition, my skillset encompasses frontend development, with a particular emphasis on React and TypeScript.

The majority of my web2 career was dedicated to Android mobile app development, utilizing Kotlin and Java. It was here that I cultivated robust software engineering practices, a discipline that I carry into my current role. I am an active participant in hackathons, workshops, and contests, reflecting my commitment to continuous skill enhancement and knowledge expansion.

I have also had the opportunity to mentor and teach Android development in two introductory courses, and have demonstrated leadership capabilities by managing a mobile development team.

Work History

Jul 2022 - Present	Solidity developer <i>RMRK</i> Development of NFT 2.0 protocol EVM smart contracts. Worked on EIP-5733 implementation and a NFT marketplace implementation supporting advanced NFT standards of RMRK.
June 2021 - Jul 2022	Solidity Engineer <i>MVP Workshop</i> Development of contracts for various NFT related projects. Developed contracts for an NFT Liquidity protocol on Polygon with Sushiswap integration and Rarible Royalty protocol implementation. Researching and experimenting on new DeFi/NFT trends to filter potential products for further development.
Sep 2020 - Oct 2021	Android Engineer <i>Infinum</i> Working in an international IT agency with an experienced Android team for large-scale enterprise clients, mobile banking, telecom self-care apps, etc.

- Sep 2019 - Sep 2020 **Mobile Development Lead**
Amplitudo
 Started as a Senior Android Developer and was promoted to Mobile development team-lead from November 2019 onwards.
 Taught a 6 month Android course for beginner programmers.
- Dec 2018 - Aug 2019 **Android developer**
GSS Media
 Worked on Android and Android TV apps for a live TV/Video on demand platform.
- Oct 2018 - Jun 2019 **Android developer**
Sportamix
 App development for a youth sports networking platform.
- Oct 2017 - Oct 2018 **Android developer**
SAFE Group
 I worked remotely for a health tech startup from Los Angeles.
- Aug 2016 - Oct 2018 **Android & Fire TV developer**
GTV Corp
 Worked on white label video streaming Android applications and Android TV and Fire TV apps. Remote position for a startup from the USA.
- Mar 2016 - Jun 2016 **Android & Web developer**
Codingo
 I worked as a developer working on android applications as well as some basic web PHP/Laravel projects.
- Oct 2014 - Present **Freelance Android developer**
Self-employed
 I worked on various projects that come from personal references and freelance platforms. On Upwork I had some projects for blockchain apps for example.
- Jun 2014 - Sep 2014 **Intern Android developer**
Fleka
 Summer internship at Fleka, interactive design studio based in Podgorica.
- Nov 2013 - Jan 2014 **Volunteer Android Developer**
Telenor
 I volunteered at Telenor to develop an app for Telenor's SurfWisely (Surfuj Pametno) initiative to educate children about using the internet safely. The application was launched to the public in January 2014.

Education

- Sep 2015 - Nov 2017 **Computer Science**
University of Montenegro
 I studied for two years on Computer Science at the Faculty of Sciences and Mathematics in Podgorica, at the University of Montenegro until I quit to focus on work.
- 2011 - Present **Open online courses**

Udacity, Coursera, FreeCodeCamp

I have enrolled in numerous online courses and they have greatly contributed to my education. I consider them essential for learning new skills.

2011 - 2015

High school diploma

Gimnazija "Stojan Cerovic"

I finished High School in Niksic, Montenegro.

Skills

Blockchain/smart contract development

I develop smart contracts in Solidity with Hardhat. I use the OpenZeppelin contract library extensively. I developed projects built on their ERC20, ERC721, and ERC1155 implementations as well as used their upgradeable contracts version. I have developed products with Uniswap v2 protocol integrations. My contracts have tests in Typescript and I use plugins to measure gas costs for contract functions. Tenderly is my go-to tool when I have an issue with a specific smart contract state.

Java/Kotlin

I developed native apps in Java and Kotlin. I started using Kotlin in 2018 and can use these languages interchangeably in the same projects. I am also familiar with various code architectures and design patterns.

Android

I have many years of professional experience with Android SDK and various 3rd party APIs, libraries, and SDKs like Firebase, Room, RxJava, Stripe, AdMob, Leanback, Exoplayer, Google Maps, Realm, Retrofit, Parse, Facebook, Crashlytics, etc. I worked on apps for mobile phones, tablets, and smart TVs.

Design tools

I have used various UI/UX tools like Sketch, Figma, Invision, Zeplin, Adobe XD, etc.

Web development

I have frontend dev experience with integrating smart contracts with ethers.js in Next.js/React-based projects. I have used Bootstrap and Tailwind to style my projects. I deploy my projects to Vercel. Also, I have some backend Node.js with MongoDB experience as well.

Git & Open Source

I use Git as my code version control system of choice. I am also an open-source supporter and try to contribute as much as possible to the projects I use.

Check my GitHub account:

<https://github.com/stevyhacker>

Database/SQL

I worked with SQLite databases, used Room ORM for Android. I had experience with MongoDB and Realm as NoSQL examples.

