



# Aleksandar Stojanović

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## About me

Master's degree student in the field of High-Performance Computing at the Faculty of Technical Sciences in Novi Sad. Currently interested in backend development of a variety of distributed systems, such as Blockchain networks and ETL pipelines. With a strong foundation in computer science and a keen interest in solving complex problems, I am continuously seeking opportunities to further expand my skills and knowledge in these areas.

## Education

### Master's, High-Performance computing

Faculty of Technical Sciences

- GPA: 10.0

Oct 2023 - Present

Novi Sad, Serbia

### Web3 Camp

Petnica Science Center

August 2024

Valjevo, Serbia

### Bachelor's with honours, Electrical and Computer Engineering

Faculty of Technical Sciences

- GPA: 9.59

Oct 2019 - Sept 2023

Novi Sad, Serbia

### High School diploma, Science and Mathematics

Gymnasium "Jovan Jovanović Zmaj", Novi Sad

Sept 2015 - June 2019

Novi Sad, Serbia

## Skills

**Programming languages** Go, Solidity, Rust, TypeScript, C

**Frameworks** Foundry, Spring, Angular

**Databases** PostgreSQL, MongoDB

**Tools** Git, Docker, Kubernetes

**Languages** English, Serbian

## Work Experience

### NovaLite

Full stack Software Engineer Intern

- Developed "To do" app for tracking and priority ranking of personal tasks.
- **Skills:** .NET core, Entity framework, Angular, Git

Novi Sad, Serbia

Oct 2022 - Nov 2022

## Personal Projects Highlights

### Web3 confidential targeted marketing platform (ETH Sofia bounties winning project)

- Web3 platform that uses iExecs data protector for confidential data processing that powers AI model for selecting suitable customers also being contacted on confidential way using iExecs Web3 mailing tool.
- **More info:** <https://github.com/Milosevic02/Incognito-ETHSofia>

### Decentralized stable coin

- Prototype Stable Coin implementation with basic functionalities
- **Skills:** Foundry, Solidity, Fuzz/Invariant testing
- **More info:** <https://github.com/stojanovic00/stable-coin>

### Hyperledger Fabric bank system

- Hyperledger Fabric private blockchain network dedicated for banking system alongside with client app for communication with blockchain.
- **Skills:** Hyperledger Fabric (infrastructure, SDK, CA cert. issuing), Shell scripting, Go
- **More info:** <https://github.com/stojanovic00/hyperledger-fabric-bank>

### ETL pipeline for batch and stream processing of ultramarathon runners data

- ETL pipeline that analyzes large ultramarathon races dataset spanning from 1798. to 2022.
- Real time tracking of runners performance during marathon, that also incorporates information extracted from batch dataset.
- **Skills:** HDFS, Kafka, PySpark (batch and stream processing), Citus, Metabase, Go, Shell scripting
- **More info:** <https://github.com/stojanovic00/running-analysis>