



# Aleksandar Stojanović

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## About me

Bachelor's student at the Faculty of Technical Sciences in Novi Sad, pursuing a Master's degree in the field of High-Performance Computing in Novi Sad. Currently interested in backend development of a variety of distributed systems, such as Real-time systems, ETL pipelines and Blockchain networks. 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

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

Oct 2019 - Sept 2023

Novi Sad, Serbia

- GPA: 9.59

### High School diploma, Science and Mathematics

Gymnasium "Jovan Jovanović Zmaj", Novi Sad

Sept 2015 - June 2019

Novi Sad, Serbia

## Skills

**Programming languages** Go, Java, Rust, TypeScript

**Frameworks** Foundry, Spring, Angular

**Databases** PostgreSQL, MongoDB

**Tools** Git, Docker, Kubernetes

**Languages** English, Serbian

## Work Experience

### NovaLite

Full stack Software Engineer Intern

Novi Sad, Serbia

Oct 2022 - Nov 2022

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

## Personal Projects Highlights

### 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>

### Cross Chain Bridge

- Prototype of a cross chain bridge between Sepolia and Base Sepolia test networks.
- **Skills:** Foundry, Go

### 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>