



Bojan Popržen

Graduate Software Engineer

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Education

2017 – 2021 **Faculty of Technical Sciences** **University of Novi Sad, Serbia**
Bachelor's: Software Engineering and IT (GPA: 9.83/10)
Courses and more info at: <http://bit.ly/2RaGBi0>

Work Experience

Oct '20 – Mar '21 **SAP** **Walldorf, Germany**
(6 months) Intern
Worked on a multi-tenant cluster for running apps in Cloud. **Overhauled the caching architecture for user authorization, leading to a reduced duration of PR validations by 30% and improved stability.** Wrote code in Go, infrastructure in Docker and K8s. Also did some tooling support.
Became a member of **SAP FastTrack** (program for top 10% of students).

Oct '19 – Jan '20 **Faculty of Technical Sciences** **Novi Sad, Serbia**
(4 months) Teaching Fellow
Courses: *Object Oriented Programming 2* (Advanced Concepts of OOP using C++), *System Programming 1* (Assembler, Compiler, Loader and Linker; Grammars).

Projects

2021 **Go Pipelines (Bachelor Thesis)** github.com/ele7ija/go-pipelines
Research – Go – Concurrency – Image processing – Pipelines
Optimized an **image processing server** by utilizing the *Pipeline* pattern and *bounded concurrency* in Go. Compared different types of processing, visualized and analyzed the results. *Open-sourced* the library for pipeline processing.
Article about the project: itnext.io/performant-image-processing.

2020 **Civil Engineering Company's website** [available at: doostabilnost.rs](https://doostabilnost.rs)
Commercial – Python (Django) – Amazon S3 – PostgreSQL – Heroku
A website for a local company I developed from zero and deployed. For BLOB storage I used S3 and PostgreSQL for relational data.

2021 **Hospital Security System** github.com/djuricmilan/BSEP_T13
Uni team project – Fullstack – Spring Boot – x.509 Certs – Keycloak – Docker
A general Information System that encompasses Hospitals and various Devices in hospitals with a goal of securing their inter-communication. A custom CA infrastructure was involved.

About me

Hi, I am a motivated **Software Engineer** who loves to deeply understand a technology so that it can be leveraged in the best way possible.

My current focus is on **Cloud Technologies** as a whole and my language of choice is **Go**. I've also done numerous Full-Stack projects mostly in Uni and had one solo commercial project.

You can find my contact details at the top of the first page.