

JELENA DOKIĆ

Novi Sad, Serbia | jrubics@hacke.rs

SKILLS & ABILITIES

Python, Python web frameworks and libraries - Django, Django Rest Framework, Flask, FastAPI, Hug, ScanAPI, multiprocessing, pytest, numpy, matplotlib

Web development - Python web frameworks, Auth0, Sonarqube, Sendbird, Sentry

Using Linux and the terminal

DevOps - Docker, Docker swarm, Docker-compose, Github Actions, Gitlab CI/CD, Jenkins, Sonarqube, Ansible, Packer, Terraform, Terragrunt, Pulumi, Nginx, AWS (IAM, Network resources, EC2, ECR, ECS, EKS, S3, CloudFront, RDS, DynamoDB, ElastiCache, Load balancers, AutoScaling, Secret Manager, Parameter store, Route53, CloudWatch), Azure (Network resources, App service, PostgreSQL database, KeyVault, Container registry, Azure DevOps Pipelines), Kubernetes, Helm, Basics of Networking, Sentry setup, Auth0 setup

Software engineering - Architecture Patterns, CI/CD, Test Driven Development

Distributed computing

Databases - Postgres, MongoDB, Redis

LANGUAGES

Native Serbian speaker
Fluent in English
Basic German

VOLUNTEER

BalCCon 2016 - 2020

Responsible for a team of 20 people as a volunteer leader at Balkan Computer Congress.

Linux Install Day2016 - 2020

Helping students at the Faculty of Technical Sciences to install Linux and all the necessary software for the programming courses.

EXPERIENCE

Sept. 2020-present

DevOps, Symphony

- Dockerisation
- Setup K8s cluster
- Writing infrastructure code
- Deployment of web applications on cloud based platforms (AWS, Azure)
- CI/CD pipelines
- Logging and monitoring
- Working on healthcare and enterprise applications

Oct. 2019-Sept. 2021

Teaching assistant, Faculty of Technical Sciences subjects:

- **Programming Languages and Data Structures** - intro to Programming course
- **Parallel and distributed architectures and languages** - master studies - Python iterators, generators, multiprocessing, distributed applications
- **Cloud Computing** - Vagrant, Docker, Docker-compose, Cloud providers, Kubernetes

Jul.2018-Sept.2018

Web developer and DevOps, Kolosek

- Ruby on rails development
- Dockerisation

Sept.2016-Jun.2019

Teaching associate, Faculty of Technical Sciences Subject:

- Programming Languages and Data Structures

EDUCATION

Sept.2019-Sept 2020	<p>Master in Electrical and Computer Engineering (M.El.Comp.Eng.), Faculty of Technical Sciences, University of Novi Sad, Computing and Control Engineering</p> <ul style="list-style-type: none">· Distributed systems· High-performance computing· Big data
Sept.2015- Jul.2019	<p>Bachelor with Honours in Electrical and Computer Engineering (B.Elec.Comp.Eng.), Faculty of Technical Sciences, University of Novi Sad, Computing and Control Engineering</p> <ul style="list-style-type: none">· Mathematic courses related to computer sciences (Calculus, Algebra, Probability, Statistics)· Intro into programming and data structures· Object-oriented programming· Database management systems· Numerical algorithms· Linux kernel drivers· Compilers· Microservices· Design patterns· Cloud Computing
Sept.2011- Jun.2015	<p>Gymnasium Jovan Jovanovic Zmaj</p>

PORTFOLIO (OPEN-SOURCE PROJECTS)

poetry-publish

- An action to build and publish python package to pypi (<https://pypi.org/>) using poetry (<https://github.com/sdispater/poetry>).
- <https://github.com/JRubics/poetry-publish>
- <https://github.com/marketplace/actions/publish-python-poetry-package>

Pyazo screenshot

- A self-hosted screenshot and image upload utility which allows you to take a screenshot of a part of your screen or choose an image from your computer and automatically upload it to your own server and share it with other users.
- <https://github.com/pyazo-screenshot/>
- <https://pypi.org/project/pyazo-cli/>
- <https://aur.archlinux.org/packages/pyazo-cli>

ScanAPI

- Contributed to this library for automated integration testing and automated live documentation. Contributions were based on adding a new features and GitHub actions.
- <https://github.com/scanapi/scanapi>

Template repository for generating student assignments

Contributed to the <https://github.com/petarmaric/pjisp-assignment-template> by adding two GitHub actions running code for automated testing and template generating

- <https://pypi.org/project/pjisp-diff>, <https://github.com/JRubics/pjisp-diff> - a console application to help teachers check if they changed all the necessary files when making an assignment for students

- <https://pypi.org/project/pjisp-template-name>, <https://github.com/JRubics/pjisp-template-name> - a console application to check if teachers gave the correct name to the GitHub repository for student assignments