Danilo Lazić

LinkedIn | GitHub | GitLab | Portfolio

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DEVOPS ENGINEER · SYSTEM ADMINISTRATOR · DEVELOPER

Final-year Computer Science student with 10 years of programming experience and a strong foundation in **DevOps, System Administration, and Software Development**. Passionate about backend/full-stack development, modern infrastructure tools, and scalable system design. Seeking opportunities to apply and expand my skills.

TECHNICAL SKILLS

DevOps & Cloud	:	Docker, Vagrant, KVM, OpenVPN, HAProxy, Zabbix, Keycloak
Security	:	iptables, Suricata IDS, WAF, Anti-DDoS, server hardening
Languages	:	Bash/Shell, Python, Java, C/C++, C#, JavaScript, Perl, SaltStack
Frameworks	:	Express, Node.js, React
Libraries	:	Redux, React Router, Vuforia Engine
Databases	:	MySQL, MariaDB, PostgreSQL
Tools	:	Git, VS Code, VirtualBox, VMware, Unity
Systems	:	Windows, Ubuntu, CentOS, Debian, Kali Linux

EXPERIENCE

System Administrator
Freelance

Mar 2021 – Sep 2021
Remote - Belgrade, Serbia

- Managed Linux-based servers and security configurations.
- Created a Bash-based Anti-DDoS system effective up to **30 GBit/s**.
- Acted as both White Hat and Red Hat team for a private client.

Assistant manager on projects
Udruženje građana "Prava Žena"

Sep 2020 – Present
Kruševac, Serbia

- Organized humanitarian events to fundraise for children's medical treatments

Bartender and waiter
MCaffe 037 & Y Club

2020 – 2021
Kruševac, Serbia

- Developed teamwork and communication skills in high-pressure environments

EDUCATION

University of Primorska
Bachelor of Science in Computer Science

Koper, Slovenia
Oct 2022 – Present

University of Coimbra – ISEC
Erasmus+ Exchange, Informatics Security – IT Security, DevOps, Game Design

Coimbra, Portugal
Feb 2025 – Jul 2025

High Music School "Stevan Hristić"
Sound Design – Music Production

Kruševac, Serbia
Sep 2018 - Jun 2022

PROJECTS

Anti-DDoS Script   Source Code

- Developed using **Shell and iptables**.
- I developed it while working for the private company, and it was updated in Nov. 2024.
- This script helped when their servers were under frequent DDoS attacks.

Management of Internet Infrastructures and Services Projects

- **Project 1:** Setup and configuration of DHCP, DNS, Mail, LDAP, and secondary Mail servers on Debian-based systems.

- **Project 2:** HAProxy load balancing with Keepalived for high availability; monitoring infrastructure with Zabbix (agents, scenarios, custom alerts).

IT Security Projects

- **Project 1:** Secure remote access using OpenVPN (Road Warrior model).
- **Project 2:** Network filtering and threat detection using NFTables and Suricata IDS.
- **Project 3:** Web Security Testing (WSTG), Web Application Firewall configuration, and user authentication with Keycloak (SSO, brute force detection, hardening).

DoS Detection   Source Code

- Developed using **Java and Shell**.
- Filtering packets with tcpdump and analyzing them using Bollinger Bands and st. deviation.
- This is a class project that has been fully developed.

Python Flask Booking System - duxymusic.com   Link

- Developed using **Python Flask, MySQL**.
- This website was developed for DJ Booking and song requests.
- Using Google Calendar API.

Unity Multiplayer Game – Shifting Tides   Source Code

- Group project for Game Design course (Erasmus).
- Used Unity, Unity Multiplay, and Netcode for GameObjects.
- Developed card-based mechanics and real-time interaction system.

Dutch AR Game   Source Code

- Developed using **Unity, Vuforia Engine and C#**.
- This project was developed for a class project.

Elevator and Hangman simulators   Source Codes

- Developed using **C**
- Program that simulates elevator and the Hangman game
- These programs were developed for a class project

More or less, less is more   Source Code

- Developed using **Java**
- This program was developed for a class project

WordPress Website - prava-zena.com   Link

- Developed using **WordPress**.
- This website was developed for the humanitarian association.
- Optimized with WPCache, improved security with WPSecurity.

OTHERS

Languages	:	Serbian (Native), English (C2), Slovene (B2), Portuguese (A1)
Music	:	Trumpet, Piano, Bass Guitar
Activities	:	Music Production, Mixing and mastering, Post–production