

# João Renner Rudge

DevOps Engineer and University of São Paulo Graduate

## Summary

Interested in distributed systems, container orchestration, computer networking, site reliability engineering, advanced DevOps workflows, embedded systems, hardware prototyping, with a background in security.

Some of my projects include a RTL-SDR based web radio that transmits real time tower communications from Congonhas Airport, a decentralized messaging application based on Tor and P2P communication, and a home-made server that runs my personal k8s cluster (you can read more about my projects on my github).

## Contact

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## Education

(01-2020 → 12-2024)  
**University of São Paulo**  
B.Sc. in Computer Science

## Work Experience

(01-2025 → present)	<b>VirtualiSurg</b> – DevOps Engineer – Full Time
Acting as lead DevOps Engineer, developing CI-CD workflows, managing internal services, and automating development processes in many different projects.	
(01-2024 → 12-2024)	<b>VirtualiSurg</b> – DevOps Engineer – Internship
Focused on developing and improving VirtualiSurg’s CI-CD pipelines, managing GitLab and GitHub runners, and automating Unity development processes in the company.	
(04-2022 → 12-2023)	<b>University of São Paulo</b> – Penetration Tester – Internship
Worked with the University’s IT Superintendent João Eduardo Ferreira to scan, pentest and access the security of the corporate systems of the University. Supervised by professor Daniel Macêdo Batista.	

## Skills

languages	Portuguese (native) English (fluent) Spanish (intermediary)
fields	Software Engineering, DevOps, back-end, Embedded Systems Site Reliability Engineering
experience	Linux (filesystems, networking, architecture), server management, operating systems, container orchestration, TCP/IP networking, hardware prototyping, microcontroller development
tools	Git, Kubernetes, Docker, GitHub Actions, GitLab CI/CD, Caddy
programming	Bash, Python, C, C++, Javascript, Java, Julia ...