

Jhones Bomfim

Senior DevOps Engineer | SRE

DevOps

SRE

Cloud Architecture

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Porto Alegre, RS -
Brazil

Professional Summary

Technology and innovation enthusiast with a solid background in Computer Science and Software Engineering (Bachelor's degree) and an Associate degree in Software Development. With over 5 years of experience in the field, currently working as a Senior DevOps Engineer at Conceptu, where I apply expertise in automation, infrastructure as code, and continuous delivery practices to transform complex challenges into efficient and scalable solutions.

Professional Experience

Senior DevOps Engineer

2025 - Present

Conceptu

- Leading DevOps transformation initiatives across multiple projects
- Implementing CI/CD pipelines with GitHub Actions and GitLab
- Managing cloud infrastructure on AWS and Azure
- Orchestrating containerized applications with Kubernetes
- Automating deployment processes and infrastructure as code

Software Engineer

2023 - 2025

SkyDrones

- Developed drone control applications using QML and C++
- Created embedded firmware with C, C++, and Lua
- Worked on real-time systems and low-level programming
- Implemented communication protocols for drone systems
- Optimized performance for embedded devices

Systems Developer

2020 - 2022

Vent Digital

- Built modern web applications with React and Next.js
- Developed cross-platform mobile apps using React Native
- Managed containerized deployments with Docker
- Worked with cloud platforms AWS and Azure
- Orchestrated services using Kubernetes (K8s)

Website Development Intern

May 2016 - Dec 2016

Internship Program

- Developed responsive websites using HTML, CSS, and JavaScript
- Worked with MySQL databases and PHP backend development
- Gained foundational web development skills

Education

Bachelor's in Software Engineering

2024 - Present

- Advanced software engineering principles
- DevOps and cloud-native architectures
- System design and scalability patterns

Bachelor's in Computer Science

2020 - 2024

- Deep dive into computer science fundamentals
- Artificial Intelligence and Machine Learning
- Advanced data structures and algorithms

Associate Degree in Systems Development

2018 - 2020

- Software architecture and design patterns
- Database management and system analysis

Technical Skills

Cloud & DevOps

AWS Azure Kubernetes Docker GitHub Actions GitLab CI/CD

Programming Languages

C C++ C# Python JavaScript Lua

Frameworks & Tools

React Next.js React Native Qt QML PowerShell

Databases

MySQL PostgreSQL Firebase

Key Projects

Ludiko Desktop

School management software for administrators and coordinators with class control and reporting.

C++ Qt Python

Ludiko Mobile

Teacher's companion app with lesson planning, attendance, and AI assistant Da'Ra.

Kotlin

Node.js

AI

Da'Ra AI

AI assistant for education professionals, helping with lesson plans and reports.

Python

NLP

PostgreSQL

IntelligenCAM

AI-powered camera system for school safety with behavior detection.

Python

Azure

Computer Vision