# Vinicius (Viny) Brun Kriesang

## Site Reliability Engineer (SRE) | DevOps | Scalable, Decentralized Systems | Open Source | Revospring Maintainer

Porto Alegre, Brazil
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## Profile

I'm a Site Reliability Engineer and Backend Developer passionate about decentralized platforms, and open-source tools. I focus on keeping systems running smoothly at the VM level while deploying apps that help creators reach their audiences.

Furthermore, I work with platforms for creators like [Jimmy Dore](#) and [Sam Tripoli](#), deploying and managing apps like PeerTube, Misskey, Element/Matrix, Jitsi, and [Revospring](#) (our fork of Retrospring). On the backend, I develop internal Node.js and Linux automation tools, handle CI/CD pipelines, and manage VPS infrastructures with Docker and Nginx.

## Education

**Associate's Degree in Computer Science** | University of the People (2022 - 2026)

**Electronics Technician** | Foundation Technical School Liberato (2013 - 2017)

## Work Experience

**Site Reliability Engineer**

Prometheus Information Systems Corp. | *Remote (May 2024 - Present)*

- Maintain Platform Reliability – Troubleshoot and resolve VM-level issues to keep things running smoothly.
- Deploy Open-Source Apps – Install and manage tools like PeerTube, Misskey, Element/Matrix, Jitsi, Keycloak and Revospring.
- Develop Internal Tools – Build Node.js and Linux apps to automate workflows, like posting to WordPress.
- Optimize DevOps – Set up CI/CD pipelines to automate Docker builds and deployments.
- Manage VPS Environments – Ensure performance and uptime for platforms with memberships, ecommerce, and content hosting.
- Key Projects – Platforms like [JimmyDore.com](#) and [SamTripoli.com](#) that empower creators and the Q/A based social network [Revospring](#).

### Technical Support Analyst

CRS Telecom | *Porto Alegre, Brazil (Aug 2022 - Jul 2024)*

- Provided L1, L2, and L3 technical support to telecommunication customers.
- Coordinated the technical field team.
- Developed an automated customer service chatbot for WhatsApp.
- Implemented a company Wiki.
- Led the fiber optic network expansion project.
- Modeled and monitored department KPIs.
- Sold B2B services.
- Participated in recruitment and training.

### Software Developer

Kriesang Software Company | *Porto Alegre, Brazil (August 2023 - February 2024)*

- Founded a software company to apply skills from the UoPeople Computer Science course.
- Gained hands-on experience in software development and entrepreneurship.

### Technical Documentation Specialist

VipNet Telecom | *Pato Bragado, Paraná, Brazil (February 2022 - August 2022)*

- Created retroactive documentation for a fiber optics network spanning seven cities and servicing approximately 3,000 customers.

### Project Leader

Screen Protector Factory | *Porto Alegre, Brazil (November 2020 - January 2022)*

- Designed and established a smartphone screen protector factory with a capacity of 2 million units per month.
- Reverse-engineered the product.
- Modeled the manufacturing process.
- Researched and sourced machinery and raw materials.
- Managed machine purchasing and import logistics.
- Designed and set up the production facility.
- Deployed and optimized production lines.
- Implemented quality control measures.
- Developed an app to manage product storage, packaging, and shipping.

### Research and Development Assistant

FuelTech | *Porto Alegre, Brazil (October 2017 - February 2020)*

- Automotive Electronics development - Hardware and Firmware: ARM and PowerPC, NXP S32 and Keil, Altium Designer
- Team leader - SCRUM, Agile Mindset

## Personal Projects

**Shared Notes**

*Web application to work in groups* | GitHub repository: [vinybk/shared-notes](vinybk/shared-notes)

- Design and development of a web app with React, Node.JS and PostgreSQL.
- Deployment with CI/CD pipelines to linux VPS with GitHub Actions and Docker.

## Certifications

**Academic Olympic Medals**

- **National Gold Medal in the Theoretical Category of the Brazilian Robotics Olympiad**

  *Issued by FEI / SBC / SBA / CNPq (Dec 2016)*

- **Gold Medal in the Brazilian Astronomy Olympiad**

  *Issued by SAB / AEB / CNPq (Dec 2016)*

- **Silver Medal in the 12th Brazilian Public School Mathematics Olympiad (OBMEP)**

  *Issued by IMPA / CNPq (Dec 2016)*

- **4th Place in Electronic Engineering at the Brazilian Science and Technology Fair (MOSTRATEC)**

  *Issued by Fundação Liberato / Secretaria de Educação - RS (Oct 2016)*

- **Innovation Award in the Regional Phase of the Practical Category of the Brazilian Robotics Olympiad (OBR)**

  *Issued by CNPq (Dec 2015)*

- **Participation in the OBMEP Scientific Initiation Program**

  *Issued by IMPA / CNPq (Dec 2014 & Dec 2015)*

- **Certificate of Outstanding Performance in Mathematics and Physics Olympiads**

  *Issued by Foundation Technical School Liberato (Dec 2014)*

- **8th Place in the National Phase of the Practical Category of the Brazilian Robotics Olympiad (OBR)**

  *Issued by CNPq (Dec 2010)*