

# Rui Valim

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## SUMMARY

Results-driven DevOps and Software Engineer with over 9 years of experience designing and implementing scalable, high-availability systems for enterprise clients. Skilled in optimizing cloud infrastructure across AWS, Azure, and GCP, achieving significant cost reductions and ensuring 99.9%+ uptime through strategic automation and blue-green deployment practices. Recognized for enhancing deployment speed by 30% through advanced CI/CD pipeline configurations and delivering robust, secure solutions in Kubernetes, Python, TypeScript, and a wide range of DevOps tools. Known for leading cross-functional initiatives that prioritize reliability, cost-efficiency, and user-centric improvements, while fostering agile, resilient development environments.

## SKILLS

**Core Competencies:** High-availability Systems, Blue-Green Deployments, Automation, Cost Optimization, Problem-solving

**Programming Languages:** Python, TypeScript, NodeJS, PHP, Golang, Rust, Ruby

**Cloud & DevOps:** AWS, Azure, GCP, Kubernetes, Docker, Terraform, CI/CD, Jenkins, Ansible, Serverless, Proxmox

**Tools & Platforms:** ArgoCD, CDK, Grafana, Prometheus, Istio, Git, Pyinfra

**Languages:** Portuguese - Native | English - Fluent | German – Learning

## EXPERIENCE

### DevOps Engineer – NT Consult | Jan 2023 – Present

- Managed Kubernetes clusters and orchestrated containerized applications across Azure, AWS and GCP platforms.
- Spearheaded deployment of a major client project on AWS China, optimizing configurations for cross-border compliance.
- Achieved infrastructure cost reductions by identifying and implementing cost-saving configurations across multi-cloud environments.
- Collaborated with cross-functional teams to streamline application integration and deployment.
- Ensured high availability and stability across multiple applications, actively monitoring performance and resolving bottlenecks.
- Automated provisioning and scaling through Infrastructure as Code (IaC) practices.

### **DevOps Engineer – TiBX | Oct 2022 – Jan 2023**

- Enhanced infrastructure agility by implementing IaC tools like Pyinfra and Proxmox for efficient resource management.
- Developed a scalable automation solution for provisioning and deploying multiple VMs concurrently, significantly reducing setup time.
- Created custom cloud images to standardize deployments and improve scalability.
- Performed network configurations to optimize system performance and security.

### **Senior Software Engineer – WestPoint Software Solutions | Apr 2019 – Sep 2022**

- Led development of over a dozen serverless applications, supporting scalable and secure services.
- Contributed to both frontend and backend development, ensuring seamless user experiences.
- Managed company-wide infrastructure, reducing cloud expenses and optimizing resources for improved operational efficiency.
- Designed and implemented software architectures to support scalable and maintainable solutions.
- Worked across the entire software development lifecycle, from requirements gathering to deployment.
- Provided DevOps leadership, collaborating across teams to maintain system stability and scalability in complex deployments.

### **Senior Software Engineer – Toyota Connected North America | Jul 2019 – Jul 2022**

- Directed seamless migration of 20 million users from Azure ID to ForgeRock AM on AWS AKS, ensuring uninterrupted user experience upon system login.
- Developed robust DevOps pipelines to support continuous integration and rapid deployment cycles.
- Collaborated with global teams to implement security protocols and authentication mechanisms.
- Optimized system performance and reliability through automated monitoring and alerting.

### **Web Developer – CNEC | Sep 2017 – Mar 2018**

- Created a Moodle system enhancement allowing teachers to edit slide content externally, increasing flexibility for distance education.
- Improved platform usability and accessibility for a diverse user base.
- Collaborated with educational specialists to tailor solutions to learning objectives.

### **Web Developer – OnPlay | May 2015 – Jul 2017**

- Engineered an automated WebApp generator, enabling rapid creation of client applications with integrated admin panels and APIs.
- Implemented responsive design and SEO optimization, boosting user engagement and site performance for various client projects.
- Worked closely with clients to deliver customized web solutions.