Eduardo Zenardi

Site Reliability Engineer

I am a highly skilled Site Reliability Engineer with extensive experience in ensuring the integrity, performance, reliability, and cost-effectiveness of cloud-based infrastructure. I am committed to delivering high-quality service and have a strong understanding of industry best practices.

Contact

Email
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Site
zenardi.github.io

LinkedIn
linkedin.com/in/eduardozenardi

Github
github.com/zenardi

Skills

- Docker/Kubernetes
- Azure Cloud
- Terraform, Ansible and Chef
- CI/CD (Azure DevOps and Jenkins)
- Grafana, Jaeger, Helm, Cilium
- DevOps Mindset

Strenghts

- Cloud Infrastructure Optimatization
- Process Automation
- Problem Solving and Troubleshooting
- Incident Management and Post-Incident Analysis
- Leadership and Mentoring
- Collaboration and Communication

Achievements

- Helped train and mentor new site reliability engineers
- Improved System Reliability and Availability
- Scalability and Performance Optimization

Education

2015
B.Sc. in Computer Engineering
Pontificia Universidade Catolica de Campinas

Language

- Portuguese (Native)
- English (Advanced)
- German (Basic)

Experience

2020 - Present
Bosch | Campinas, Sao Paulo - Brazil

Site Reliability Engineer

Ensure the integrity, performance, reliability, and cost-effectiveness of cloud-based infrastructure and related systems supporting applications and platforms. Oversee and assist with software development, regular maintenance performance, and responding to escalated site reliability issues. Research industry best practices and steward resources for the team.

- Ensuring KPIs are being met reducing customer reports by 50%
- Implementation of CI/CD using Azure DevOps reducing deployment errors and misconfigurations
- Help to identify opportunities for infrastructure optimization and cost reduction.
- Move microservices solution to Kubernetes, improving security, reliability, availability, and scalability
- Automate configuration deployment to IoT devices with Ansible
- Infrastructure automation with Terraform
- Implemented observability and traceability with Prometheus/Grafana and Jaeger

2018 - 2020
Bosch | Campinas, Sao Paulo - Brazil

Software Developer

Develop new features using enterprise standards and configure the automated deployment for applications. As a cloud enthusiast presented how to migrate solutions from on-prem to the cloud to reduce costs de maintainability. Also, as a self-driving car enthusiast participated in a sandbox project about classifying road surfaces.

- PoC on Microsoft Azure and Docker to reduce costs at on-premises servers.
- Road Surface Classifier project using Java Spring boot (RESTfull API)
- Troubleshooting, bug fixes, and new functionalities
- Handling high-pressure situations, coordinating incident response efforts, and effectively communicating updates to stakeholders.
- Post-incident analyses, identifying areas for improvement, implementing preventive measures, and driving continuous improvement to enhance system reliability and stability.

2017 - 2018
Avatar | Itu, Sao Paulo - Brazil

DevOps Engineer

Implement and maintain processes and tools that bridge the gap between software development and IT operations with a focus on automating tasks, establishing efficient deployment pipelines, and ensuring smooth collaboration between teams. Leveraging automation and cloud technologies, enabling faster and more reliable software delivery while fostering a culture of collaboration and continuous improvement.

- Collaborate with development teams to implement CI/CD pipelines, automate testing and deployment processes, and facilitate the rapid and reliable release of software change
- Analyze system metrics, identify performance bottlenecks, and implement optimizations to enhance system performance, scalability, and reliability
- Manage incidents, respond to critical system failure, and mitigate the impact of incidents, restoring system stability