PABLO OPAZO

SITE RELIABILITY ENGINEER

Bachelor of Engineering (B.E.) Computer Science

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Summary

• 10+ years experience with Linux system administration.
• 8+ years experience as SRE and DevOps in Production environment for high scalable Startups.
• 6+ years experience with cloud vendors. (AWS, GCP, Azure)
• Self startups and incubation experience.

Solutions-oriented engineer with hands-on experience supporting developers and infrastructure teams in developing rock-solid software. Proven track record of devising and implementing SDLC solutions to ensure smooth delivery of software services. Demonstrated success delivering consulting services on Linux environments while focusing on continuous integration, continuous deployment, and infrastructure design and improvement. Industrious and diligent in carrying out complex tasks with ability to achieve successful results.

Areas of Expertise

Software Development	Troubleshooting	Project Management
Database Administration	Performance Analysis	Agile Methodologies
Configuration Management	Systems Architecture	DevOps Practitioner

Professional Experience

Science (Sequoia Capital) • United States (Remote)

2020 to current

A Healthcare startup based in Miami that focuses on creating AI tools to help doctors and clinics to reduce operational complexity.

Lead DevOps Engineer

Built out our entire infrastructure from scratch. Successfully integrated multiple systems on top Kubernetes (OpenShift) like Kafka, CockroachDB, Elasticsearch using the operators pattern.

Key Accomplishments:
• Managed multiple OpenShift clusters using RHACM.
• Architected our tracing infrastructure using Jaeger + OpenTelemetry.
• Implemented Service Mesh networking with Istio.
• Developed our software delivery pipeline using Tekton (Build/Testing/Deploy)

uBiome (YCombinator S14) • United States (Remote)

2016 to 2019

A biotechnology company based in San Francisco that has developed technology to sequence the human microbiomes.

Production Engineer - Technical Lead

Ensured smooth delivery of software services through design and implementation of SDLC solution, utilizing containers (Kubernetes) with Drone as a continuous integration and Spinnaker for our continuous delivery. Enabled significant savings in engineering costs by developing strategies and automation to reduce the cloud provider costs (AWS/GCP). Streamlined datacenter operations, resolving problems through high-performance computing. Steered the deployment of new software releases and prepared post-mortem documents to determine the cause of failures.

Key Accomplishments:
• Supported production team and optimized onboarding process of new developers through development of internal tools (Software).
• Resolved inconsistencies in research data by designing and implementing a Data Warehouse platform connecting multiple databases.
• Facilitated all offices located in multiple countries by introducing network solutions, such as additional services like Internet access, Network security, etc.
• Ensured confidentiality, integrity, and security of data by ensuring adhering to HIPAA standards.
• Maintained 99.9% uptime on databases PostgreSQL through implementation of high availability solution and custom monitoring.

Acid Labs • Chile

2015 to 2016

A technology company that offers a range of end-to-end software development and design solutions.

Systems Engineer

Analyzed performance of web applications and identified ways to improve it, which enhanced user experience. Utilized autoscaling policies, load balancers, CDNs, and multiples caches to scale web applications, which resulted in management of high traffic from a few to hundreds of requests on Amazon Web Services.

Key Accomplishments:
• Ensured development and delivery of high availability environments for Cyber Monday in Chile with 99.9%-week uptime.
• Conducted an in-house training program to teach our developers how to troubleshoot their web applications.

Education

Bachelor of Engineering (B.E.) Computer Science, 2012
Universidad Tecnológica de Chile INACAP

Technical Skills

RHEL	OpenShift	CockroachDB	Python	Ansible	Tekton
CoreOS	Kubernetes	Elasticsearch	Go	Salt	Drone
Ubuntu	Nomad	PostgreSQL	Bash	Chef	Jenkins