

# CABRERA BLANCH ROLANDO

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## ABOUT ME

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With three years of experience as a Cloud Engineer, I have a proven track record of building scalable, resilient systems while fostering a passion for continuous learning and innovation. I am particularly skilled in infrastructure and security, ensuring robust and secure solutions. What motivates me most is working collaboratively with diverse teams to tackle complex challenges and deliver high-quality results that make a meaningful impact.

## WORK EXPERIENCE

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### Software Engineer

#### Renaiss

📅 August 2023 - Present

#### DevOps Engineer @ Kilimo

- Designed and developed Terraform modules to enhance observability through AWS CloudWatch metrics, significantly improving SRE response times and system reliability.
- Automated CI/CD pipelines using GitHub Actions and GitLab CI, streamlining workflows and unifying development strategies across multiple teams and repositories.
- Delivered expert consultancy to optimize engineering solutions, ensuring alignment with business objectives and adherence to industry best practices.
- Orchestrated and maintained critical AWS services, including IAM, ECS, S3, Lambda, CloudFront, EC2, Parameter Store, CloudWatch, ECR, and Systems Manager, to support scalable and secure infrastructure.

#### Software Engineer @ ECI Software Solutions

- Participated actively end-to-end development processes, from requirements gathering to successful deployment, ensuring alignment with client goals.
- Collaborated with presales teams to define client requirements and facilitate effective engagement strategies.
- Deployed and configured LogicMonitor solutions across AWS and Azure environments, providing enhanced visibility and actionable insights for client infrastructures.
- Conducted security assessments of multiple AWS environments, producing comprehensive documentation on risk analysis and remediation strategies to improve security posture.

#### Software Engineer @ DoseMe

- Configured and managed Kubernetes cluster controllers to enhance operational stability and scalability.
- Designed and implemented Application Gateway configurations on Azure, including enabling and tuning Web Application Firewall (WAF) for optimal security.
- Fully automated the deployment of a Kubernetes-based solution for a custom client application, utilizing AKS, Rancher, Terraform, and Helm to streamline operations and ensure scalability.

#### Software Engineer @ Renaiss

- Conducted over 100 live coding interviews to support technical staff augmentation, contributing to building a high-performing engineering team.
- Designed and tested internal tooling to improve operational workflows, including an Odoo-based application to optimize internal processes.
- Co-developed a Terraform module to deploy Odoo applications using free-tier components, providing a cost-effective solution for small-scale deployments.
- Collaborated in presales efforts, performing client requirement gathering and providing accurate project estimations to ensure successful engagements.

#### Software Engineer @ Scaling Startups

- Played a key role in developing a GKE Kubernetes module tailored for an AI-focused client, ensuring scalability and efficiency.
- Enhanced the module's performance by implementing advanced networking and security optimizations to meet industry standards.
- Designed and deployed custom Helm charts to streamline Kubernetes application management and deployment.

### Software Engineer @ Autoptic

- Diagnosed and resolved application bugs, ensuring smooth functionality and improved user experience.
- Evaluated and benchmarked monitoring tools against industry standards to identify the most effective solutions.
- Created comprehensive documentation outlining tool usage and best practices to support team workflows.
- Conducted in-depth inspections of AWS infrastructure to identify optimization opportunities and ensure best practices.

### Software Engineer

#### Nextira

📅 Nov 2021 - June 2023

#### Site Reliability Engineer @ META HPC Cluster Projects

- Automated repetitive system tasks using Bash scripting, significantly improving operational efficiency and reducing manual workloads.
- Provided critical support during on-call rotations, assisting users and ensuring consistent infrastructure monitoring and uptime.
- Designed and implemented Python features, including a custom CLI application to streamline team workflows.
- Managed a wide array of AWS services, including IAM, Lambda, S3, CloudFormation, SQS, SNS, CodePipeline, CodeBuild, FSx, and EC2, to build and maintain robust HPC infrastructure.

#### DevOps Engineer @ META VR Development Project

- Designed and implemented CI/CD pipelines utilizing internal Meta tooling, streamlining development and deployment processes.
- Built and customized AMIs with Packer, ensuring virtual environments were optimized for performance and scalability.
- Authored detailed documentation for workflows, improving team efficiency and knowledge sharing across development and maintenance tasks.
- Managed and optimized AWS services, including IAM, Elastic Beanstalk, S3, CodePipeline, and EC2, to support robust infrastructure for virtual reality development.

## EDUCATION

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### Bachelor's Degree in Mechanical Engineering

#### Balseiro Institute

Grade Point Average: 8.00/10

📅 July 2018 – July 2021

📍 San Carlos de Bariloche, Río Negro, Argentina

Selected for a prestigious scholarship to continue studies at the Balseiro Institute, a world-renowned educational-scientific center in Argentina and Latin America, dependent on the National Atomic Energy Commission (CNEA). Successfully completed the program, culminating in the award of a Bachelor's degree in Mechanical Engineering.

### Bachelor's Degree in Mechanical Engineering

#### National University of Rosario

🎓 Grade Point Average: 8.6/10

📅 January 2016 – July 2018

📍 Rosario, Santa Fe, Argentina

Completed foundational studies in Mechanical Engineering at the National University of Rosario, achieving high academic performance and preparing for advanced studies at the Balseiro Institute.

## ACHIEVEMENTS

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#### Full scholarship in National Comision of Atomic Energy (CNEA)

Selected to continue studies at the Balseiro Institute, a world-renowned educational-scientific center in Argentina and Latin America that is dependent on the National Committee of Atomic Energy (CNEA) - the Argentine government body responsible for nuclear energy research and development.



#### CKA Certified Kubernetes administrator

Issued Feb 2024 - Expires 2027



#### AWS Solutions Architect Professional Certification

Issued Sep 2023 - Expires 2026



#### AWS Solutions Architect Associate Certification

Issued Jan 2021 - Expires 2024



#### Multiple AWS Learning badges

Recognized for dedication to continuous learning by completing a series of specialized AWS Learning badges, covering key areas of cloud storage and architecture.

# SKILLS

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- **Cloud:** AWS (Solutions Architect Professional & Associate, Storage Core, Object/Block/File Storage, Architecting, Cloud Essentials), Azure (Administrator AZ 104), GCP.
- **IaaS & Deployment Tools:** Kubernetes, Terraform, Helm, Docker, Jenkins, GitHub Actions, GitLab Pipelines, ArgoCD.
- **Observability:** Grafana, LogicMonitor, Prometheus, Loki, Tempo, Jaeger.
- **Programming:** Python, Bash, C/C++ (OOP).
- **Source Control:** Git.
- **Other:** MATLAB, PLC Programming, Arduino,  $\LaTeX$ .

# LANGUAGES

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Spanish	Native
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English	Fluent
<ul style="list-style-type: none"><li>• EFSET English Certificate 75/100 (C2 Proficient)</li></ul>	