



ALEJANDRO BERNAL COLLAZOS

SOFTWARE DEVELOPER

Expertise

DevOps - SRE - Cloud Automation - Backend

Software developer for more than 10 years, with experience on industries like Airlines, Financial and E-commerce. I am a passionate engineer for hardware, computers, distributed software and businesses, always looking for sustainable systems and solutions for a better world.

Experience

FBC

2024 - 2025

Architect

Responsible for designing, implement and operate the following :

- Networking infrastructure (AWS, Route53, CloudFront, VPC)
- Backend and frontend infrastructure (Docker, Kubernetes EKS, S3)
- Pipeline setup for the frontend and backend components (AWS Code Pipeline)
- Monitoring for business, application and infrastructure layers (AWS CloudWatch, EventBridge, Kinesis)

website : www.fbc.com.co

Industry : E-commerce, Food Marketplace

Upwork

2020 - 2024

Senior Cloud Automation Engineer

- Lead the design, development, deployment (EKS), operations (infrastructure, monitoring, pipeline with ArgoCD) and support of Sonarqube.
- Support and operate the request routing infrastructure with CloudFlare and Nginx layers
- Support development and DBA teams with the setup of their infrastructure with Terraform and Chef.
- Support the infrastructure of the internal Bitbucket server.
- Support, operate and improve the logging pipeline infrastructure for the entire organization (billions of events per week) based on filebeat agents in EKS, logstash for transformation and delivery, kafka for data streaming and OpenSearch for storage and Kibana for visualization.
- Collaborate with Security team to remediate security issues at the infrastructure level (patch EC2 instances, upgrade software versions with vulnerabilities, etc)
- Support SRE, Development and DBA teams with troubleshooting issues in prod and staging environments.

website : www.upwork.com

Industry : Freelancer Marketplace

Education

Bachelor in Computer Science
University of London

2024 - Currently

Information Systems Engineer
UTN Argentina

2007 - 2009

Contact



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60431 Frankfurt am Main



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www.alejandrio.bio



<https://www.linkedin.com/in/alejandrio-bernal-collazos/>

Languages

Deutsch	B1
English	Advanced
Portuguese	Intermediate
Spanish	Mother Language

Skills

Python · Java · JavaScript · Bash · Git · Linux · AWS (Route53 · CloudFront · EKS · EC2 · VPC · ECS · RDS · IAM · EventBridge · CloudWatch · CodePipeline · Control Tower · Organizations) · SQL · Terraform · Chef · Ansible · Docker · Kubernetes · Jenkins · GitLab · GitHub · ArgoCD · ELK · OpenSearch · Kafka · Grafana

Strengths



Value and Customer Driven

For me the purpose of our job is to support a business that provide value to people.



Technical Expertise in IT

I love computers since I was a kid and today with the rise of AI my passion and admiration are growing even more.



Mentorship


Guiding and supporting my colleagues is a key characteristic of my daily activities at work as well as learning from them.

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Experience

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MundosE **2020 - 2021**
DevOps Program Creator and Instructor
Responsible for the following :
 - Create the entire technical part of the DevOps course
 - Deliver 200 hours of lectures to 150 students
 - Design the laboratories to implement AWS Services like VPC, CloudFront, EC2, S3, CloudWatch as well as Jenkins
 - Implement the infrastructure for the laboratories using AWS Organizations to give a sandbox account to every student, and restrict their usage with AWS Organization SCP (Service Control Policies)

website : www.mundose.com
Industry : Education
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Naranja **2019 - 2020**
Senior DevOps
Responsible for the operation of the following :
 - Networking and Security infrastructure (AWS, Security Groups, Route53, VPC)
 - Backend and frontend infrastructure (NodeJS, Docker, Kubernetes EKS)
 - Pipeline support for the frontend and backend components (Gitlab)
 - Support monitoring for business, application and infrastructure layers (AWS CloudWatch, Data Dog)

website : www.naranjax.com
Industry : Financial
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Santex **2016 - 2018**
DevOps
 - Lead the design, development and deployment of the Kubernetes infrastructure in On-Premise servers.
 - Develop the pipelines for (.NET microservices) applications with TeamCity.
 - Support development teams to onboard on the infrastructure and setup their application pipelines.
 - Lead the design and implementation of Monitoring infrastructure based on the ELK stack

website : www.santexgroup.com
Industry : Mechanical and Robotics
- 

Globant **2014 - 2016**
Software Developer
 - Support and develop new features (in perl language) for the main application of the site www.latam.com for the purchase flow.
 - Troubleshoot issues (from frontend stack html, javascript, css to the infrastructure like networking, backend apps based on Java and Perl and databases) in production, staging, dev environments and work with other teams like the infrastructure and DBA to coordinate solutions.
 - Lead the team of infrastructure support for the Linux based development environments and coordinate solutions for different request from up to 5 development teams, about services quotas, application deployment, new development environments setup and troubleshooting.

website : www.globant.com
Industry : Airlines
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Hewlett Packard Enterprise **2012 - 2014**
Software Developer
 - Support the middleware and backend servers based on Java (using RESTFUL APIs) and Running on Linux based Servers for the purchase flow of the american airlines company www.aa.com
 - Troubleshoot issues with requests from our internal customers (website and kiosk machines in the airport) and Sabre which was the GDS that the airline used to coordinate the flights.
 - Lead the design, development and deployment of the automated testing of the API's.

website : www.hpe.com
Industry : Freelancer Marketplace

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Reference

▶ **Upwork**

Dmitry Vlasov

Position : Tech Leader of the Operations Engineering Team

Email : dmitriyvlasov@cloud.upwork.com

Mobil : +382 6851 81 76

▶ **Naranja**

Lorena Sahar

Position : Architect

Email : lorena_sahar@hotmail.com

Mobil : +54 9 3515 22 0210

▶ **MundosE**

Jose Meyer

Position : DevOps Program Director

Email : josemeyer@santexgroup.com

Mobil : +54 9 3516 78 9999

▶ **Santex**

Jose Meyer

Position : Manager

Email : josemeyer@santexgroup.com

Mobil : +54 9 3516 78 9999

Certifications

✦ **AWS Certified SysOps Administrator - Associate**

Issued : August 7 - 2022

Expiration : August 7 - 2025

✦ **AWS Certified Solutions Architect - Associate**

Issued : January 30 - 2022

Expiration : January 30 - 2025

Description : I am currently preparing the Professional Certification

✦ **AWS Certified Cloud Practitioner**

Issued : September 8 - 2019

Expiration : August 7 - 2025

✦ **Certified SysAdmin**

Issued : May 5 - 2017

✦ **Java SE Programmer**

Issued : January 26 - 2022

aws  certified

Alejandro Bernal


AWSCertifiedSysOpsAdministrator - Associate

VALIDATION NUMBER: G3G19DX1Y1V41WWW

VALIDATE AT: <https://aws.amazon.com/verification>

Issue Date: August 7, 2022

Expiration Date: August 7, 2025

aws  certified

Alejandro Bernal

AWSCertifiedSolutionsArchitect - Associate

VALIDATION NUMBER: YF7LED9LEEF418GC

VALIDATE AT: <https://aws.amazon.com/verification>

Issue Date: January 30, 2022

Expiration Date: January 30, 2025

aws  certified

Alejandro Bernal

AWS Certified Cloud Practitioner

VALIDATION NUMBER: H55GXTD2G2R4Q9GE

VALIDATE AT: <https://aws.amazon.com/verification>

Issue Date: September 8, 2019

Expiration Date: August 7, 2025

ORACLE®

Certified Professional

THIS CERTIFIES THAT


Alejandro Bernal

IS RECOGNIZED BY

THE ORACLE CERTIFICATION PROGRAM AS AN

Oracle Certified Professional, Java SE 6 Programmer

January 26, 2012

Date

Senior Vice President, Oracle Corporation





The Linux Foundation hereby certifies that
alejandro bernal collazos
has successfully completed the program requirements
necessary to be recognized as a
Linux Foundation Certified System Administrator (LFCS)

A handwritten signature in black ink, appearing to read 'Jim Zemlin', is positioned above a horizontal line.

JIM ZEMLIN, EXECUTIVE DIRECTOR,
THE LINUX FOUNDATION

May 5, 2017

DATE OF COMPLETION

LFCS-1700-001449-0100

CERTIFICATE ID NUMBER

To verify the status of this Certificate, please visit <http://training.linuxfoundation.org/certification/verify-linux-certifications>