

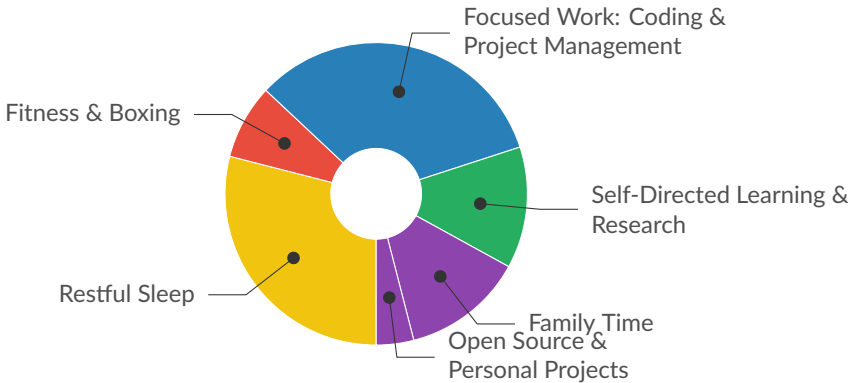
LUIS MAYTA

MLOps & Cloud Systems Engineer | Lead ML Systems Engineer | Technologies: [string{"K8s", "Go", "Python", "Rust", "Kotlin"}]

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luismayta luismayta 0000-0003-0759-5687



A DAY IN MY LIFE: FOCUSED GROWTH AND PURPOSE



I'm a self-taught, methodical professional passionate about continuous learning and building scalable MLOps and cloud systems. Each day I commit to focused work, persistent growth, and purposeful progress and always pushing beyond goals with discipline, curiosity, and passion.

RECENT WORK EXPERIENCE

MLOps & Cloud Systems Engineer | Lead ML Systems Engineer

Infosis

Full-time
Aug 2025 -- Present MDP - Argentina

- Led the design and implementation of the MCP Server (Model Context Protocol Server) , a scalable platform for managing AI services and orchestrating LLM and NLP models with high availability and performance.
- Developed and maintained REST and GraphQL APIs using Go, Python, and Rust, enabling seamless integration between machine learning models and client applications, including Android mobile apps.
- Designed and automated MLOps pipelines for continuous training, deployment, and monitoring of machine learning models, utilizing Kubernetes, Terraform, AWS Lambda, and Prometheus to ensure reliability and scalability.
- Implemented cloud infrastructure as code , optimizing resource usage and reducing costs by leveraging Terraform and Terragrunt across AWS environments.
- Led technical mentorship and collaboration across teams , promoting best practices in ML engineering, DevOps, and cloud systems, which resulted in a 25% faster deployment cycle.
- Integrated high-performance components in Go and Rust for critical backend services, improving efficiency and reducing latency.
- Created comprehensive technical documentation and architectural designs to support maintainability and cross-team communication.
- Researched and applied state-of-the-art ML techniques in NLP and LLMs to improve product capabilities and customer satisfaction.

LIFE PHILOSOPHY

"If you want to build a ship, don't herd people together to collect wood and don't assign them tasks and work, but rather teach them to long for the endless immensity of the sea. - Antoine de Saint-Exupéry"

Lead Software Architect

Infosis

📅 Full-time

📅 Nov 2022 -- Aug 2025

📍 MDP - Argentina

- **Led the creation and implementation of an invoice data extraction model** utilizing YOLO NAS and Keras OCR, developing a **cross-platform application with Kotlin Multiplatform Mobile (KMM)** and a **GraphQL API in Python FastAPI**. This resulted in a 30% improvement in data extraction accuracy and a 40% reduction in processing time.
- **Spearheaded the successful implementation of an object recognition model** for retail environments, resulting in a 25% increase in inventory management efficiency and providing valuable insights that improved decision-making processes.
- **Directed the development and deployment of a facial recognition system**, enhancing security measures and providing **personalized customer experiences** in targeted environments. This led to a 15% decrease in unauthorized access incidents.
- **Implemented Natural Language Processing (NLP) solutions** for a variety of company services, significantly improving automatic language understanding and user interaction, and boosting customer satisfaction by 20%.
- **Advised on the optimization of existing system designs**, recommending key changes that improved **efficiency** and **performance**, resulting in a 10% reduction in system downtime.
- **Designed and developed new software applications** and systems, while also evaluating and optimizing existing solutions to ensure alignment with evolving business goals.
- **Researched and integrated new technologies, techniques, and approaches**, driving innovation within the company and ensuring we stayed ahead of industry trends.
- **Authored comprehensive technical documentation**, including design specifications and development plans, to ensure clear communication and maintainability of systems across teams.
- **Developed new features and enhancements** for existing products based on direct customer feedback, which contributed to a 15% increase in user engagement.
- **Provided technical leadership and management** to development teams, mentoring engineers and guiding the design and implementation of solutions that contributed directly to a 20% increase in revenue.
- **Designed full-stack system architectures**, optimizing resource allocation and reducing implementation effort by selecting the most suitable technologies for each project.
- **Proposed and implemented scalable service architectures**, enabling the company to handle a 30% increase in user traffic without performance degradation.
- **Reduced edge case customer issues by updating retail system designs**, improving data consistency and overall system performance.
- **Led the setup and automation of DevOps infrastructure**, streamlining deployment processes and improving development cycle times by 25%.
- **Developed ETL pipelines using AWS Lambda and Glue**, resulting in a 40% reduction in data processing time and cost savings due to optimized use of cloud resources.
- **Optimized Lambda and Glue processes for cost reduction**, achieving a 20% decrease in infrastructure expenses while maintaining high performance.

MOST PROUD OF



Courage I had

Take projects from scratch and do everything possible to get them forward.



Persistence & Loyalty

I showed despite the hard moments and my willingness.

HONORS & AWARDS



1st Place

Mi Primer Paso
Universidad de Lima
Nov 2019



Merit Award for Innovation

Innovate Perú – Ministerio de la Producción
Lima, Peru
2017



1st Place

Eventec
Peruano Alemán
Nov 2007

EDUCATION & CONTINUOUS LEARNING

DevOps / Site Reliability Engineering
Nanodegree

Udacity, Lima, Peru

📅 Jan 2017 -- Jun 2017

Software Development Program

Open Source College, Lima, Peru

📅 2011 -- 2012

Self-taught professional with a strong commitment to continuous learning and skill development through online courses, personal projects, and hands-on experience.

Machine Learning Engineer
Maker Development

Part-time
Nov 2023 -- May 2024
Lima - Peru

- Implementation of Object Recognition Model for Retail** Led the successful implementation of an object recognition model in a retail environment, enhancing inventory management efficiency, and providing valuable insights for decision-making.
- Implementation of Facial Recognition Model** Directed the development and implementation of a facial recognition system, improving security and customizing the customer experience in specific environments.
- Implementation of Talking Face Model** Developed and executed the implementation of a Talking Face model for interactive applications, enhancing communication and user experience in multimedia products.
- Implementation of Text-to-Audio Generation Model** Headed the implementation of a text-to-audio generation model, providing innovative solutions for accessibility and customization of auditory content.
- NLP Implementation for Various Company Services** Led the development and implementation of Natural Language Processing (NLP) solutions for various company services, enhancing automatic language understanding and user interaction.

SRE / Senior DevOps Engineer
Infosis

Full-time
Jul 2021 -- Nov 2022
Argentina

- Replaced and improved the entire monitoring stack** Wrote lots of alert rules and even custom Prometheus exporters to achieve what was needed.
- Test driven releases, Infrastructure as code and Automation**
- Preparation of documentation** Within the code I produce by appropriate commenting, version descriptions via Git and Solution documentation for other engineers to follow.
- Analyzing, executing, and streamlining DevOps practices.**
- Implementation of Infrastructure as code with Terragrunt and Terraform.**
- Automating processes with the right tools.**
- Facilitating development process and operations
- Setting up a continuous build environment to speed up software development and deployment process.
- Improving the costs of infrastructure.** This involved resizing machines, auto scaling groups, spot instances, backup policies and several other things.
- Implementation and Administration of Kubernetes.**
- Administration and troubleshooting of CI, CD on Gitlab.**

CoFounder & CEO
HadenLabs

Part-time
Jan 2014 -- Now
Lima - Peru

CERTIFICATIONS

Blockchain Developer with Ethereum
Blockchain Theory 101
Dart & Introduction to Flutter
Golang JumpStart
Serverless Architecture on AWS

SOFT SKILLS

- Project Delivery Focus
- Technical Writing
- Problem Solving
- Execution & Accountability
- Continuous Learning
- Time Management
- Adaptability
- Collaboration

SKILLS

Programming Languages



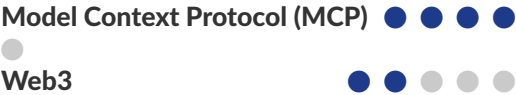
Cloud & Infrastructure



Software Engineering



Emerging Technologies



- **Act as a trusted technical advisor to customers** and solve complex Cloud Infrastructure and DevOps challenges.
- **Create and deliver best practices recommendations, tutorials, blog articles, sample code, and technical presentations.**
- Wrote Alexa Skill.
- Wrote Terraform modules for resources github, aws and discord.
- Infrastructure Provisioning (Crossplane, Terraform, Terragrunt, Ansible)
- Wrote System of IoT working with aws and terraform.
- **Serverless Cloud Architecture (AWS).**
- **Test driven releases, Infrastructure as code and Automation.**
- **Administration and troubleshooting of CI, CD Continuous Integration environment.**

DevOps Architect
Belcorp

Part-time

May 2021 -- Jul 2021

Lima - Peru

- **Wrote Modules Terraform for management Services.**
- **Analyzing, executing, and streamlining DevOps practices.**
- **Create and deliver best practices recommendations, tutorials, blog articles, sample code, and technical presentations.**
- **Wrote Best Pipelines for Jenkins.**
- Automating processes with the right tools.
- Facilitating development process and operations
- **Establishing a suitable DevOps channel across the organization.**
- **Monitoring, reviewing and alerting setup, modification and troubleshooting and stopping attacks on websites.**
- Setting up a continuous build environment to speed up software development and deployment process.
- Administration and troubleshooting of CI, CD on Jenkins.

Cloud Consultant / SRE
El Pollo Escondido

Part-time

Nov 2020 -- Apr 2021

Lima - Peru

- **Wrote Ansible roles covering a diverse environment of machines running different versions of Ubuntu.**
- **Setting up and provisioning Load Balanced Environments using EC2 and RDS within VPCs as well as associated backups on S3.**
- **Monitoring and alerting setup, modification and troubleshooting and stopping attacks on websites.**
- **Implementation of Infrastructure as code with Terragrunt and Terraform.**

DevOps Engineer
Maker Development

Part-time

Nov 2020 -- Apr 2021

Lima - Peru

- **Implementation of Infrastructure as code with Terragrunt and Terraform.**
- **Implement and Administration of Kubernetes.**

TECHNICAL DOMAINS

- Information Security
- DevOps
- DevSecOps
- Software Engineering
- Automation
- Vulnerability Assessment
- Metrics Visualization & Analytics
- Machine Learning
- Natural Language Processing (NLP)
- Large Language Models (LLM)
- API Design (REST & GraphQL)
- Model Context Protocol (MCP)

LANGUAGES

Spanish
English



REFERENCES

Lilian Ccaulla Flores

(+51) 992797540

Product Owner - Grupo El Comercio

Jan Sanchez

(+51) 983444164

Jefe de desarrollo de Mobile - Grupo El Comercio

Juan Carlos Dávila Terreros

(+51) 982988000

Gerente General - Maker Development

Israel Gonzales Palomino

(+51) 981100543

Data Science - Interbank

- **Wrote Ansible roles covering a diverse environment of machines running different versions of Ubuntu.**
- **Improving the costs of infrastructure.** This involved resizing machines, auto scaling groups, spot instances, backup policies and several other things.
- Monitoring and alerting setup, modification and troubleshooting and stopping attacks on websites.
- **Preparation of documentation.** Within the code I produce by appropriate commenting, version descriptions via Git and Solution documentation for other engineers to follow.
- **Test driven releases, Infrastructure as code and Automation.**

CoFounder / CTO / SRE

EquiIndustry

📅 Full-time

📅 Jul 2019 -- Nov 2020

📍 Lima - Peru

- **Implementation of Infrastructure as code with Terragrunt and Terraform.**
- **Define and refine process day to day basis as per requirements and identified bottlenecks.**
- **Improving the costs of infrastructure.** This involved resizing machines, auto scaling groups, spot instances, backup policies and several other things.
- **Preparation of documentation.** Within the code I produce by appropriate commenting, version descriptions via Git and Solution documentation for other engineers to follow.
- **Monitoring and alerting setup, modification and troubleshooting and stopping attacks on websites.**
- **Implementation of Next, React with Redux using TypeScript.**
- **Wrote Terraform modules for resources github, aws and discord.**
- **Requirement analysis & gathering from product owners.**
- **Implementation of GraphQL with AWS AppSync.**
- **Implementation of Data Store with ElasticSearch, Neo4J and PostgreSQL.**

Cloud Consultant / SRE

Osakia

📅 Full-time

📅 Apr 2020 -- Jun 2020

📍 Lima - Peru

- **Implementation of Infrastructure as code with Terragrunt and Terraform.**
- **Setting up and provisioning Load Balanced Environments using EC2 and RDS within VPCs as well as associated backups on S3, also if required using both Amazon Web Console and CLI.**
- **Monitoring and alerting setup, modification and troubleshooting and stopping attacks on websites.**
- **Provisioning Nginx, ElasticSearch, PostgreSQL, Python, and Go mainly using Docker and Ansible, but also manual configuration when required.**

Cloud Consultant / SRE / DevOps

Vipac Peru

📅 Part-time

📅 Apr 2019 -- Jun 2020

📍 Lima - Peru

- I also replaced and improved the entire monitoring stack and wrote lots of alert rules and even custom Prometheus exporters to achieve what was needed.
 - There was a continuous work on improving the costs of infrastructure. This involved resizing machines, auto scaling groups, spot instances, backup policies and several other things.
 - Test driven releases, Infrastructure as code and Automation.
 - Setting up and provisioning Load Balanced Environments using EC2 and RDS within VPCs as well as associated backups on S3, also if required using both Amazon Web Console and CLI.
 - Administration and troubleshooting of CI, CD Continuous Integration environment.
 - Monitoring and alerting setup, modification and troubleshooting and stopping attacks on websites.
 - Preparation of documentation, within the code I produce by appropriate commenting, version descriptions via Git and Solution documentation for other engineers to follow.
-

Cloud Consultant

Vipac Peru

📅 Part-time

📅 Sep 2018 -- Dec 2018

📍 Lima - Peru

- Implementation of Infrastructure as code with Terragrunt and Terraform.
 - Analysis and deployment of scalable solutions.
 - Manage and optimize (cost and performance) of cloud resources.
 - Implementation and Monitoring of Servers.
 - Testing ansible playbooks and changes on server.
-

CoFounder / CTO / SRE

Chaty

📅 Full-time

📅 November 2017 -- Jul 2019

📍 Lima - Peru

- Implementation of Infrastructure as code with Terragrunt and Terraform.
- Preparation of documentation, within the code I produce by appropriate commenting, version descriptions via Git and Solution documentation for other engineers to follow.
- There was a continuous work on improving the costs of infrastructure. This involved resizing machines, auto scaling groups, spot instances, backup policies and several other things.
- Setting up and provisioning Load Balanced Environments using EC2 and RDS within VPCs as well as associated backups on S3, also if required using both Amazon Web Console and CLI.
- Provisioning Nginx, Elasticsearch, PostgreSQL, Python, and Go mainly using Ansible, but also manual configuration when required.
- Administering web environments both on Nginx environments for virtual hosts, redirects, SSL/TLS set up, Django settings as well as troubleshooting any error that the environments throw up.
- Monitoring and alerting setup, modification and troubleshooting and stopping attacks on websites.
- Implement And Administration of Chatbot for Facebook.
- Research and Review AWS Alexa.
- Alexa Skill Development.
- Implementation of AWS ECS Fargate.
- Implementation of GraphQL with Aws AppSync.

Cloud Consultant / SRE

Gap Solutions

📅 Part-time

📅 Dec 2017 -- Feb 2018

📍 Lima - Peru

- Support a distributed development team.
 - Analysis and deployment of scalable solutions.
 - Manage and optimize (cost and performance) of cloud resources.
 - Integration of different subsystems.
 - Managing IT team.
 - Carrying out proposed projects.
 - Proposing constant improvements.
 - Support a distributed development team.
 - Integration of different subsystems.
-

Cloud Engineer / SRE

Fashion Bag Peru

📅 Part-time

📅 April 2017 -- Dec 2017

📍 Lima - Peru

- Preparation of documentation, within the code I produce by appropriate commenting, version descriptions via Git and Solution documentation for other engineers to follow.
 - Implementation of Infrastructure as code with Terragrunt and Terraform.
 - Support a distributed development team.
 - Integration of different subsystems.
 - Testing ansible playbooks and changes on server.
 - Implementation And Administration of Services AWS SQS, AWS ElastiCache.
-

Cloud Architect

La Positiva Seguros

📅 Full-time

📅 June 2017 -- November 2017

📍 Lima - Peru

- Preparation of documentation, within the code I produce by appropriate commenting, version descriptions via Git and Solution documentation for other engineers to follow.
 - Implementation of Infrastructure as code with Terragrunt and Terraform.
 - Wrote Ansible roles covering a diverse environment of machines running different versions of Ubuntu.
 - Administration and troubleshooting of CI, CD Continuous Integration environment.
 - Monitoring and alerting setup, modification and troubleshooting and stopping attacks on websites.
 - Implement and Management ChatBot with Aws Lambda.
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Software Architect

Ventorystack

📅 Full-time

📅 January 2017 -- June 2017

📍 Lima - Peru

- Infrastructure as code with Terraform + Ansible + AWS.

- Preparation of documentation, within the code I produce by appropriate commenting, version descriptions via Git and Solution documentation for other engineers to follow.
- Administration and troubleshooting of CI, CD Continuous Integration environment.
- Monitoring and alerting setup, modification and troubleshooting and stopping attacks on websites.
- Test driven releases, Infrastructure as code and Automation.

Software Development Leader

Pimienta Digital

📅 Full-time

📅 October 2014 -- July 2015

📍 Lima - Peru

- Create and deliver best practices recommendations, tutorials, blog articles, sample code, and technical presentations.
- Management servers Digital Ocean.
- Implement and Management RabbitMQ, AWS S3, Puppet, Vagrant.
- Implement Load Stress with Python.
- Implement Management of git with Git Flow.
- Implement Sem Version for projects.
- Management Salesforce.

Technical Leader

Grupo El Comercio

📅 Full-time

📅 April 2013 -- October 2014

📍 Lima - Peru

- Create and deliver best practices recommendations, tutorials, blog articles, sample code, and technical presentations.
- Implement and Management Apache Solr, RabbitMQ, MongoDB, REST, Puppet, Vagrant.
- Implement TDD and BDD with python.
- Implement Sem Version for projects.
- Implement Management of git with Git Flow.

PART-TIME ROLES

Software Developer Freedom Project

📅 February 2018 to Present

🌐 🔄 PunoPeru

- Maintaining the organization.

CONFERENCES

Mean Full-Stack

Compartiendo Conocimiento

📅 April 2015

📍 Huaraz - Peru

- Co-organizer.

Introduction to NoSQL MongoDB

MongoDB Peru

📅 April 2014

📍 Huaraz - Peru

- Speaker.

VOLUNTEER

Development Leader

Compartiendo Conocimiento

📅 February 2015 -- Present

📍 Lima - Peru

- Co-organizer.
- Research.

Member & Evangelist

MongoDB Peru

📅 June 2013 -- Present

📍 Lima -- Peru

- Speaker
- Research.