LUIS MAYTA

Site Reliability Engineer | Software Architect | Machine Learning Engineer | Go, Rust, Python, Kotlin | Web3 Enthusiast

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RECENT WORK EXPERIENCE

Machine Learning Engineer

Maker Development

Part-time

Nov 2023 -- Now 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.

Lead Software Architect

Infosis

Full-time

Nov 2022 -- Now Argentina

- Creation and implementation of an invoice data extraction model using YOLO NAS and Keras OCR, developing a cross-platform application with Kotlin Multiplatform Mobile (KMM) and a GraphQL API in Python FastAPI.
- 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.
- 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.
- Recommending changes to existing designs to improve efficiency or performance
- Designing new software applications or systems, as well as evaluating existing ones

LIFE PHILOSOPHY

"If you want to build a ship, dont herd people together to collect wood and dont assign them tasks and work, but rather
teach them to long for the endless immensity of the sea. - Antoine de Saint-Exupéry"

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
Unversidad de Lima
Nov 2019

1st Place
Eventec
Peruano Aleman
Nov 2007

SOFT SKILLS

- Technical Writing
- People-Management
- Global Teams
- Diversity & Inclusion

EDUCATION

DevOps/Sre

Udacity, Lima, Peru

Enero 2017 -- June 2017

Software Developer

Open Source College, Lima, Peru

2011 -- 2012

- Conducting research into new technologies, techniques, and approaches to computing
- Creating technical documentation such as design specifications and development plans
- Developing new features or enhancements to existing products based on customer feedback and requests
- Technical leadership, management and guidance to development teams, where the deliverables' impact generated directly in revenue increase.
- Architecture design of full stack systems, reducing effort by selecting the most appropriate technologies for the implementation.
- Designed and proposed scalable service architectures
- Reduced the number of edge case customer issues by updating a retail system design to improve data consistency also increasing performance.
- Infrastructure setup and automation for DevOps implementation.
- Development of ETL using AWS Lambda and Glue services.
- Optimization of Lambda and Glue processes for cost reduction purposes.

SRE / Senior DevOps Engineer

Infosis

Full-time

Jul 2021 -- Nov 2022 Argentina

- 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.
- 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.
- 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.
- Implement And Administration of Kubernetes.
- Administration and troubleshooting of CI, CD on Gitlab.

CoFounder & CEO

HadenLabs

Part-time

Jan 2014 -- Now Lima - Peru

- 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.

CERTIFICATIONS

Blockchain Developer with Ethereum

Blockchain Theory 101

Dart & Introducción a Flutter

Golang JumpStart

Serverless Architecture on AWS

SKILLS

Go	●●●●●
Python	●●●●●
Kubernetes	●●●●●
Cloud Computing	●●●●○
AWS	●●●●○
Infraestructure as Code	●●●●○
Design Patterns	●●●●○
Kotlin	●●●●○
Rust	●●●●○
Automation	●●●●○
Lua	●●●○○
NodeJS	●●●○○
Dart	●●●○○
Web3	●●○○○

TECHNICAL DOMAINS

Information Security
Devops
Software Engineering
automation
vulnerability assessment
metrics visualization and analytics
Machine Learning

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

- 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, also if required using both Amazon Web Console and CLI.
- 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.
- Wrote Ansible roles covering a diverse environment of machines running different versions of Ubuntu
- 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.
- 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

EquipIndustry

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
- 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.
- 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

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 Hauraz - 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.