Martín **Vuelta**

OBSERVABILITY SPECIALIST | CLOUD SPECIALIST | BACKEND DEVELOPER

Lima, Peru

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Summary

As a physicist and full-stack software developer, I bring a unique blend of scientific expertise and technical skills to the field of software development. With a strong background in web, desktop, and scientific applications, I have gained valuable experience in developing software solutions and building robust infrastructures. My passion for staying up-to-date with the latest technologies drives me to continuously learn and explore cutting-edge advancements. I am dedicated to delivering high-quality results and thrive in dynamic and innovative environments.

Skills

Programming	Python, JavaScript, Java, Kotlin, Bash, PowerShell, C#, C, C++, Fortran, LaTeX
Web develpment	Django, Wagtail, Flask, NestJs, NextJs, TailwindCSS, .NetCore, ASP.NET, Blazor
Databases	MySql, MariaDB, PostgreSql, Redis, MongoDB
Cloud	Amazon Web Services, Microsoft Azure, Google Cloud Platform, IBM Cloud
IaC	AWS SAM, AWS Cloudformation, ARM Templates, Bicep, Terraform
Observability	New Relic, Dynatrace, Datadog, Instana
Languages	Spanish (Native), English (Proficient)

Experience

Atentus — *Lima, Peru*

OBSERVABILITY ESPECIALIST — *Jan 2020 - PRESENT*

- Led the implementation the New Relic observability solution and develop observability governance strategies for financial and telecommunications companies.
- Led and managed development teams, achieving the successful delivery of observability integrations with New Relic for legacy systems.

Dynova — *Lima, Peru*

CO-FOUNDER AND CTO — *Feb 2017 - PRESENT*

- Led and managed small teams of 3-5 developers in successfully delivering web applications. Oversaw observability tool implementation and established robust DevOps infrastructure across multiple projects.
- Played a key role in designing, developing, and integrating content management systems and courses for the Crehana platform, ensuring seamless user experiences.
- Led the design and development of a tailored system for diagnosing, registering, and monitoring COVID-19 tests at the Repromedic clinic, streamlining processes and ensuring accurate data recording.
- Developed a customized ecommerce solution for Quimder, focusing on seamless delivery and online payments, collaborating closely with stakeholders to enhance the customer experience.
- Led and managed small teams of 3-5 developers in successfully delivering web applications. Oversaw observability tool implementation and established robust DevOps infrastructure across multiple projects.
- Collaborated with Atentus to implement the New Relic observability solution and develop governance strategies for financial and telecommunications companies. Optimized performance monitoring to enable effective data tracking and analysis.

HackSpace Perú — *Lima, Perú*

LEAD SOFTWARE DEVELOPER — *Mar. 2016 - PRESENTE*

- Planning, design, development and implementation of the entire web infrastructure of HackSpace Peru.
- Implementation of e-Learning system for the CoreUpgrade 2017 annual training program.

Dippii — *United States*

SOFTWARE ENGINEER — *Sep 2022 - Jan 2023*

- Actively contributed to the design and development of a secure decentralized system for storing and recovering keys using an innovative non-custodial protocol. Ensured robustness and security through architectural design and collaboration with a cross-functional team, resulting in a highly reliable solution.

Krowdy — *Lima, Peru*

DATA ENGINEER — *Jan 2019 - Mar 2019*

- Designed, developed, and maintained efficient machine learning pipelines as the primary developer, implementing robust data management systems and ensuring smooth workflow execution for effective data processing.

Krowdy
Lima, Peru

EXTERNAL CLOUD INFRASTRUCTURE CONSULTANT
Jan 2018 - Jun 2018

- Led the infrastructure team in designing and implementing comprehensive strategies for network infrastructure and data communication systems. Optimized network performance, enhanced security measures, and ensured seamless connectivity for efficient data transfer.

Grupo RPP S. A.
Lima, Peru

FRONTEND WEB DEVELOPERS
Dec 2017 - Jun 2018

- Collaborated closely with the RPPData team, actively participating in the development and design of interactive data visualizations and reports. Created compelling visual representations to effectively communicate information to diverse audiences.

Studies

Pacífico Business School
Lima, Peru

PROGRAMA DE ALTA DIRECCIÓN CTO - EXCELENCIA EN LA GESTIÓN ESTRATÉGICA DE LA TECNOLOGÍA
Dec 2023 - Actualidad

National University of San Marcos.
Lima, Peru

B. SC. IN PHYSICS
Mar 2008 - Feb 2021

Certifications

Dynatrace Partner Sales Specialist

DYNATRACE
Feb. 2025

- Certificate of Quantum Excellence 🔗

Dynatrace Partner Sales Certification

DYNATRACE
Feb. 2025

- Certificate of Quantum Excellence 🔗

IBM Quantum Challenge 2024 Achievement

IBM
Jun. 2024

- Certificate of Quantum Excellence 🔗

Partner - Sales Enabled

NEW RELIC
May. 2024

- Credential ID: 105099829
- Certificado 🔗

Partner - Practitioner Exam

NEW RELIC
May. 2024

- Credential ID: 105088583
- Certificado 🔗

Introduction to FinOps

FINOPS FOUNDATION
May. 2024

- Credential ID: 6mz39z97hrp4
- Certificado 🔗

IBM Quantum Challenge: Spring 2023 Achievement

IBM
May. 2023

- Certificate of Quantum Excellence 🔗

Qiskit Global Summer School 2022 - Quantum Excellence

IBM
Ago. 2022

- Certificate of Quantum Excellence 🔗

Qiskit Global Summer School 2021

IBM
Jul. 2021

- Certificate of participation 🔗

Full Stack Observability Practitioner Exam

NEW RELIC
Jun. 2021

- Credential ID: 33132408
- Certificado 🔗

Summer School on Machine Learning and Big Data with Quantum Computing

FACULDADE DE CIÊNCIAS DA UNIVERSIDADE DO PORTO
Jul. 2020

APM Fundamentals Certification

NEW RELIC
Sep. 2020

- Credential ID: s5a8b7f3pni7
- Certificado 🔗

Qiskit Global Summer School 2020

COVID19 Data Analysis Using Python

Jul. 2020

Jun. 2020

- Credential ID: MM2RMT4L83D9
- Certificado ↗

OpenSource

pypi	`newrelic-sb-sdk` ↗
pypi	`wagtail-sb-imageserializer` ↗
pypi	`culqi-api-python` ↗
npmjs	`weatherlab` ↗