

CESAR ANDRES CASANOVA BUSTAMANTE

SYSTEMS ENGINEER

Date and place of birth: 23/04/1992 – Lima, Perú

Nationality: Peruvian

Address: Jiron Tacna 1492 – dpto 101, 15086 Magdalena del Mar, Lima, Peru

Phone Number: +51 949378166

Email address: cesar.casanovab92@gmail.com

Linkedin page: <https://www.linkedin.com/in/ccasanovab>

Personal webpage: <https://devccasanova.com>



I am a highly skilled and experienced Backend Developer with 10 years of experience in Python, Java and PHP. I have a strong passion for building efficient and scalable solutions. I am excited to apply for the DevOps and Cloud role at your company. With 5 years of experience in deploying solutions on Amazon Web Services using automated CD/CI pipelines, I believe I would be a valuable asset to your team. I am eager to contribute my expertise and help drive the success of your company's cloud infrastructure.

Also, I have developed skills in Python, machine learning, and working with frameworks like scikit-learn, TensorFlow, or PyTorch. I am also familiar with prompt engineering, natural language processing, and using APIs like OpenAI or Hugging Face for real-world applications.

EDUCATION

2024 - 2025	Master in Artificial Intelligence and Innovation Management Bologna Business School, University of Bologna, Bologna, Italy
2009 - 2014	Master degree in System Engineering Universidad Nacional Pedro Ruiz Gallo, Lambayeque, Perú Thesis: <i>"Implementation of a system based on BPM and SOA technologies to manage restaurant warehouses"</i> https://repositorio.unprg.edu.pe/handle/20.500.12893/4452

WORK EXPERIENCE

09/2025 - present	Solutions Architect Softtek Lima, Peru Working with AWS where our pricing API rest interacts with GCP AI models (training by vertex pipeline) to evaluate and give the price and plan which fit with the user. I work closely with developers, DevOps engineers, and business stakeholders: • Translate business requirements into technical designs. • Provide technical leadership and documentation.
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- Support CI/CD pipelines, Infrastructure as Code (IaC) with Terraform, CloudFormation, or Deployment Manager.

04/2021 - present

DevOps / AI Engineer

Sociate | London, UK

We create a multimodal deep learning model for interpretation of natural language into images related to fashion industry. This integration not only met the demanding technical requirements but also exceeded the client's expectations in terms of accuracy and performance. Also scaling up the platform and model on Amazon Web Services and Google Cloud to attract and onboard more clients. This infrastructure was invaluable in ensuring that our platform could efficiently handle increased user and data volume without compromising security or speed.

03/2024 – 11/2024

DevOps Engineer

OutCode Software | Lima, Perú

Development of strategies for the deployment of distributed applications and microservices in the AWS and GCP clouds.

The main application uses a bot in our phone call reservation system, which is an OpenAI model that is used for voice processing.

06/2023 – 02/2024

AWS Developer / Cloud Developer

SES Digital | Lima, Perú

Architectural solutions using infrastructure as code in terraform with AWS for the following objectives:

- Creating jobs in AWS Glue for reports
- Creating users for authentication in AWS Cognito
- Creating "database" in AWS Lake Formation from S3 parquet files

02/2023 - 06/2023

Backend Developer / DevOps Engineer

Culqi | Lima, Perú

Refactoring microservices programmed in java with Spring boot, changing the language to node.js with typescript.

This service migration was performed using infrastructure as code in AWS CloudFormation for a deployment using AWS CodePipeline to achieve:

- AWS API Gateway integration with AWS Lambda.
- AWS Lambda with events in S3.

01/2022 - 01/2023

Backend Cloud Developer

Wabi | Buenos Aires, Argentina

Developed new functionalities and implemented improvements to the existing ones of Wabi2b. Used Java 8, Java 11, Kotlin technologies; integrating solutions with Amazon Web Services.

Controlling massive updates of more than 15k inventory records and prices from suppliers/bottlers in India, Malaysia, and Vietnam.

Developed microservices for Indian requirements, deploying our Kotlin and Groovy codes in the AWS cloud, with a greater emphasis on event-driven programming.

Used infrastructure as code in AWS CloudFormation for deployment via Jenkins:

- AWS SNS, whose messages were sent to AWS SQS.
- AWS Lambda processes the SQS queues for each respective task and keeps the data updated.

06/2020 - 12/2021

Backend Developer / DevOps Engineer

Lumingo Marketplace - Grupo El Comercio | Lima, Perú

We formed an in-house team at Grupo El Comercio to continue the Lumingo project, which was developed in SAP Hybris 6.3 with JAVA 8. Migrations and solutions oriented to Microservices, automating logistics and payment processes were also carried out.

Provided cloud architecture solutions on AWS with infrastructure as code using terraform to achieve:

- AWS API Gateway to expose APIs that start a process and analyse its status.
- AWS Step Functions for label generation and price update processes, due to the many consecutive steps required.
- AWS Lambda, to use a respective function in each stage of the Step Function as well as in the API Gateway integration
- AWS Dynamo, to store data when a process starts, the current status and the time of its completion.

11/2015 - 07/2019

Backend Developer / DevOps Engineer

Orbis Ventures S.A.C. - Grupo El Comercio | Lima, Perú

Part of the NeoAuto team, responsible for the development of new features, maintenance, and support of the NeoAuto web application developed in PHP with ZendFramework 1, MySQL, Solr, MongoDB.

We migrated a monolithic project to a microservices-oriented architecture by integrating CloudFormation, EC2 and ECS from Amazon Web Services in conjunction with our deployments via Jenkins.

07/2015 - 11/2015

Programmer Analyst

Clicks and Bricks S.A.C.(Acquired by Orbis Ventures S.A.C. in 2015) | Lima, Perú

Responsible for the maintenance and support of El Comercio's NeoAuto web application developed in PHP with ZendFramework 1.

08/2014 - 07/2015

Programmer Analyst

Media Marketing Lab | Lima, Perú

- Web software programming for third parties, especially in PHP with ZendFramework.
- Analysis and configuration of payment gateways for e-commerce.
- Integration and maintenance of projects in WordPress.
- Web service maintenance.

07/2013 - 06/2014

Full Stack Developer

Anytime S.A. | Lambayeque, Perú

Programming of web, desktop, and mobile software for third parties in the languages they require:

- PHP (and its Zend, Kumbia and Doctrine frameworks)
- Java (and its spring framework)

In addition, if required, web-services were used to obtain batch data.

The database that is most compatible with the company's processes, be it SQL (MySQL, PostgreSQL, SQL server, Oracle) or NoSQL (MongoDB, Cassandra) is used, optimizing processes that need continuous improvement and supervision.

COMPUTER SKILLS

Office: intermediate | **Linux SO:** advanced | **Relational Databases:** Advanced | **Non-relational Databases:** Advanced | **Python Language:** advanced | **PHP Language:** advanced | **Java Language:** intermediate | **Amazon Web Services:** advanced

LANGUAGES

- Spanish: mother tongue
- English: Upper Intermediate (B2)
- Italian: basic