

### Gabriel Cuadros Caceres

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## DEVOPS INFRAESTRUCTURE AND DEVELOPER ENGINEER

Electronic engineer from Peru with 5 years of experience in the development of telecommunications and engineering projects with a desire to work as an engineer around the world, I have high level knowledge in automation tools, provisioning, configuration, hosting, monitoring and delivery of products such as Openstack, , Kubernetes, Docker, Vagrant, Mesos, Ansible, Puppet, Terraform, Jenkins, Gradle, Maven, Opsview and Prometheus. I have used several programming languages during my work as Python, C #, Java, Ruby, Groovy, I have also managed several databases such as MongoDB, Elasticsearch, Firebase, Microsoft SQL server, Oracle and MySQL. Within the software development I have been able to work with REST API, CI / CD pipelines, error handling, unit testing, integration testing, deployment, troubleshooting of runtime applications, load balancing and backups task. I am a person with a lot of motivation to learn and I like to teach people what I learn day by day. In my free time I like to develop software associated with artificial intelligence and data processing

- <https://www.youtube.com/watch?v=LOxwsCOE1Xg>
- <https://www.youtube.com/watch?v=MAceGI-EZMk>

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## Education

Universidad Peruana de Ciencias Aplicadas (UPC) - Perú	
<b>Electronic engineer</b>	<b>2006 - 2012</b>
UNI – Perú	
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<b>Advanced Linux administration</b>	<b>2016</b>
UNI – Perú	
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<b>Basic Linux administration</b>	<b>2016</b>
Cibertec – Perú	
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<b>SQL server Database administration</b>	<b>2017</b>
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Pearson Vue - U.S.A	
<b>Cisco CCNA R&amp;S CSC013054915</b>	<b>2018</b>
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Udemy	
<b>Deep learning with Caffe2</b>	<b>2020</b>
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Udemy <b>Complete guide to TensorFlow for deep learning with python</b> ---	<b>2020</b>
Udemy <b>Kubernetes, de principiante a experto</b> ---	<b>2020</b>
Udemy <b>Docker, de principiante a experto</b> ---	<b>2020</b>
Udemy <b>Jenkins, de principiante a experto</b>	<b>2020</b>

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## Technologic resume

### Operating system

- Red Hat, CentOS, SUSE.

### Configuration and provisioning tools

- Puppet, Chief, Terraform, Ansible.

### CI/CD tools

- Ant, Maven, Jenkins, Gradle.

### Repositories management

- Nexus, Artifactory, Linux Repositories, Docker registry.

### Virtualization and Containerization tools

- Marathon, Apache Mesos, Openstack, Openshift, Kubernetes, docker, Vagrant, Virtual box.

### Infrastructure tools

- GitHub, Gitlab, Citrix NetScaler, Opsview, Prometheus, Grafana, Apache, Nginx, Squid.

### Programing languages and platform

- C#, Perl, Python, Ruby, .NET, Bash scripting, Java, Groovy, Android Java, Nodejs, Angular, Express.

### Databases knowledge

- MySQL, MongoDB, Oracle, Firebase, SQL server, Elasticsearch.

### Infrastructure services

- DNS, DHCP, FTP, WWW, SMTP, NFS, SSL, Reverse- Forward Proxy, Redirect web server.

### Hardware troubleshooting

- Dell (IDRAC) server, Supermicro servers; HP (PROLIANT) Server, ATCA Blades.

### Mobile Network

- EPC, IMS, Voice Over LTE, SMS, VMS, MMS, USSD.

## **Data processing and machine learning**

- TensorFlow, NVIDIA-DIGITS, Caffe, OpenCV, Motion Capture

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## **Professional Experience**

### **TGESTIONA DEL PERU — LIMA, PERU**

**Telecommunication specialist**, December 2013 to January 2015 (13 month)

- maintenance of network equipment such as switches and router (Cisco, Juniper, Huawei, Zte) on a physical and logical level
- communicate effectively to external and internal customers and route incidents to the corresponding level 2 areas quickly
- Remedy ticket system management

### **ACHIVEMENTS**

- compliance with ticket SLA issues for business and residential customers

**System engineer**, January 2015 to June 2016 (18 month)

- development of web and app tools for data scrapping with node.js, opencv.js, robot.js
- Linux server administration and Mesos datacenters
- REST API endpoint creation with node.JS, express.js, Mongodb
- Source control management with GitHub and Gitlab private environment
- Network service administration
- SQL and NOSQL Database administration
- Webpage creation with MVC with ruby on Rails, spring boot maven or Node.js + Angular.
- development of Android application

### **ACHIVEMENTS**

- Streamline and modernize legacy Telefónica web pages with zero costs
- automate routine tasks in various areas of the company
- Transform information to improve visualization of head management
- development of tools that automatically interact with network equipment
- communicate Telefónica's Remedy ticket system with an Android application

## **AYNITECH– LIMA, PERU**

**System engineer**, February 2017 to October 2017 (8 month)

- management of private repositories Linux, Docker, and Maven
- provisioning and configuration of physical and virtual servers with Openstack ,Terraform, Puppet
- Network service administration
- administration of the Netscaler citrix traffic balancer
- Opsview monitoring tool management
- Linux server administration
- node.js, Maven application troubleshooting
- development of node.js and Maven applications
- CI / CD streams with GitHub, Jenkins, Docker

### **ACHIVEMENTS**

- Compliance in application deployment and support during and after deployment
- reduced service deployment times
- automation of routine tasks in the company
- bug fixes in the monitoring platform, as well as in the provisioning platform
- support and troubleshooting in the deployment of projects in Maven and node.js

## **ZTE CORPORATION – LIMA PERU**

**Applications engineer**, February 2018 to August 2019 (18 month)

- troubleshooting of mobile networks 4g, 3g, vas
- development of node.js and Maven applications for automation and monitoring
- management of monitoring tools ELK, Prometheus, Grafana
- Linux server administration
- Database administration
- CI / CD streams with GitHub, Jenkins, Docker

### **ACHIVEMENTS**

- downtime reduction in VAS service deployment for Telefonica, Bitel, Entel
- automation of routine tasks in the company
- compliance with ticket SLA for new services and issues
- implementation of a CI / CD environment for local development during the ZTE ban export
- reduction in software maintenance and local software production times