

## CAREER PROFILE

**DevOps engineer** with experience in designing, building and maintaining core infrastructure based on DevOps principles (process automation, IaC, system monitoring, continuous delivery, CI/CD pipeline implementation) and with knowledge of IT security.

**AWS** **Terraform** **Ansible** **CloudFormation** **Python** **Shell Script** **Docker** **K8s** **Git** **GitHub Actions**  
**SonarQube** **OWASP Top 10** **Azure** **GCP**

## EXPERIENCES

### DevOps Engineer

Avalith

09/2020 - Present

As part of the Avalith team I have had the opportunity to work on multiple projects performing various activities:  
Building infrastructure as code (IaC) with Terraform on different cloud providers such as AWS and Azure.

System monitoring (CloudWatch, TrueSight, FluentBit).  
Create serverless architecture on AWS (AWS Lambda, X-Ray, DynamoDB, S3, API Gateway, SNS, SES, Fargate).

Administration of GNU/Linux servers (Shell Script, Salt).

#### Other technologies:

- AWS ECS, Cognito, ECR, CloudFront, VPC, EC2, Elastic Beanstalk, Secret Manager, Router 53, AWS Certificate Manager, AWS RDS

- Azure PostgreSQL, VM, NSG, Application Gateway, App Service, Key Vault, Azure DevOps

- Kubernetes, EKS

- Apache, Nginx

- Jenkins, GitHub Actions

- Ansible

- Docker, Docker Compose, GNU/Linux

### DevOps Engineer/SecDevOps

IOET, Inc.

04/2019 - 09/2020

As part of the DevOps team at IOET support in different projects that were deployed in different cloud providers (AWS, Azure, Google) in which perform multiple activities:

Work with microservices oriented architectures (Kubernetes, Docker, ECS AWS, Azure App Service).

Work with Serverless architectures (API Gateway, AWS Lambda, AWS Cognito, S3, CloudWatch).

Implement CI/CD pipelines, GitOps.

Build infrastructure as code (IaC) with CloudFormation, Terraform, ARM Azure.

Process automation with Python.

Implement security to CI/CD pipelines (SecDevOps, SonarCloud, OWASP).

#### Other technologies:

- MongoDB, PostgreSQL

- AWS Amplify, Router 53, AWS Certificate Manager, Secret Manager

- Azure Key Vault, API Management, Resource Group, Azure IAM, App Service, Azure DevOps

- GCP Cloud Run, GCR, GCP Secret Manager, GCP IAM

- Python, Flask

- Docker, GNU/Linux

### Web developer

KEA Electronics

10/2017 - 04/2018

With KEA Electronics I performed different activities as a backend and frontend developer.

Development with JHipster (HTML, Sass, Angular, Java).

Python Development (Django, Django-CMS, PostgreSQL).

Mobile development with Ionic (TypeScript, Angular)

### SysAdmin Engineer

CIDsecure

10/2017 - 04/2018

Manage GNU/Linux servers.

Manage application server (Django, WSGI, Nginx, Docker, PostgreSQL).

Release Manager.

### Web developer

CIDsecure

10/2017 - 04/2018

Backend and frontend developer activities:

Backend developer with python (Django, MVC, RESTful API).

Relational database (PostgreSQL, SQLite).

Frontend development with javascript (jQuery, Vue.js, AngularJs).

Mobile development with Ionic.

## PROJECTS

I like open source projects, these are some of my open source projects that I work on in my free time.

### default-linux-tools

Useful tools for linux environments

● Shell ☆ 8 🍷 4

### inject-sec-to-devops

Security tools that you can inject into devops

● Python ☆ 6 🍷 2

### aws-serverless-devops

Template project to create CI/CD pipeline for a serverless architecture 📄

● JavaScript ☆ 2

### hugo-orbit-theme

Forked from aerohub/hugo-orbit-theme

Great looking resume/CV theme designed for developers.

● CSS ☆ 1 🍷 1

### hp-api

Template to create a high-performance API (microservices) with envoy and Nodejs ⚡

● JavaScript

### github-devops

Implementation of CI/CD pipelines with Github Actions for AWS SAM application

● JavaScript

## SKILLS & PROFICIENCY

### IaC/Configuration Management



### Scripting languages



### Process automation



### Manage CI/CD pipelines



### Cloud Architectures



### Release manager



### Microservices architecture



### Serverless architecture



### Monitoring systems



## COURSES & CERTIFICATES

### Speaker at the End of Degree Seminar - 2018



### CYBERSECURITY ESSENTIALS FROM CISCO NETWORKING ACADEMY - 2018



### Cyber Security from Cisco Networking Academy - 2018



### Certificado de Finalización del Curso

Presentado a:

**Dickson Armijos**

Nombre

Por haber completado el curso de Introducción a la Seguridad Cibernética de Cisco Networking Academy® y demostrar la capacidad de explicar lo siguiente:

- Conceptos e importancia de la ciberseguridad
- Características e impacto de varios tipos de ataques cibernéticos
- Cómo protegerse contra ataques cibernéticos
- Técnicas utilizadas para proteger a las organizaciones de ataques cibernéticos
- Por qué la ciberseguridad es una profesión creciente
- Oportunidades disponibles para obtener certificaciones de seguridad de red

**Raquel F. Solano Lopez**

Instructor

**22-mar-2018**

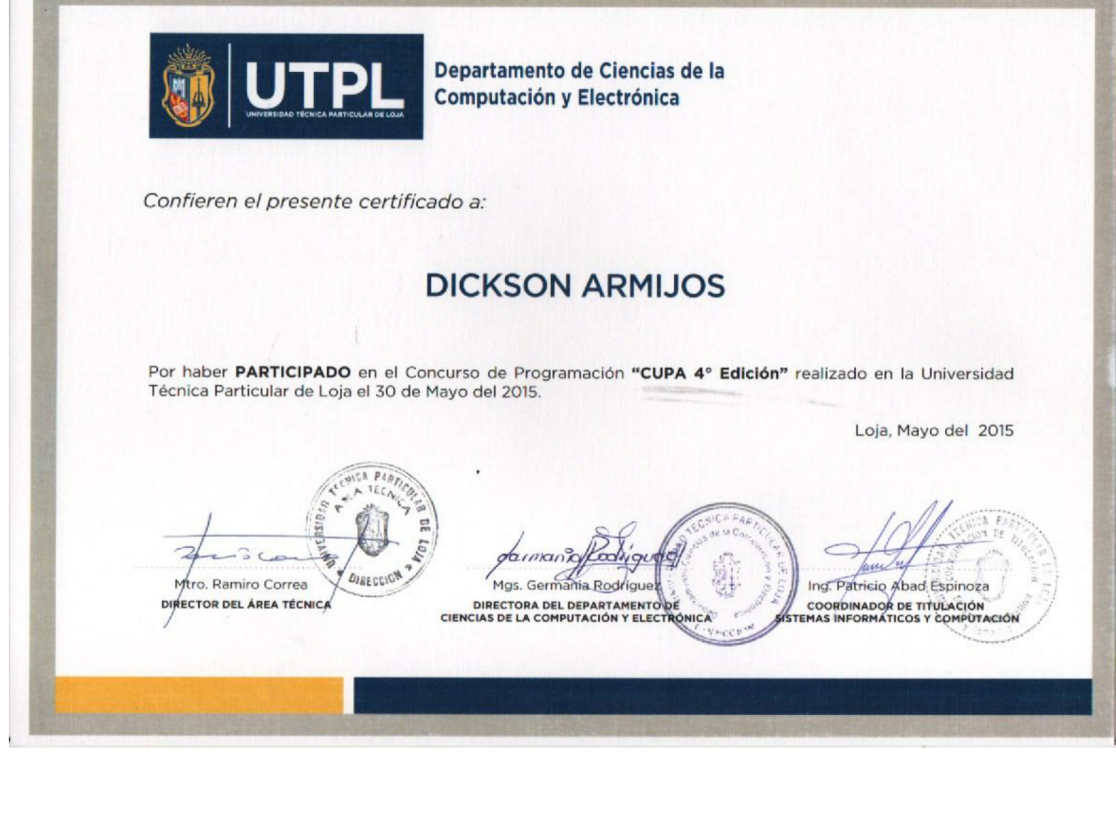
Fecha

Firma del Instructor

### Assistant in the event "INFO DAY ISACA" - 2017



### Assistant in the event "CUPA 4ta Edición" - 2015



**Dickson Armijos R.**

Software Engineer

## CONTACT

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🐙 fabidick22

🐦 @fabidick

## EDUCATION

### Information Systems and Computing

Universidad Técnica Particular de Loja  
2013 - 2019

### Computer Applications

Instituto Tecnológico Superior "Primer de Mayo"  
2006 - 2012

## LANGUAGES

English (Intermediate)

Spanish (Native)

## JOB REFERENCES

### Eng. Lucrecia M. Amenta Manzo

+54 9223 5506550  
manzolu.93@gmail.com

### Eng. Bosco Andrade

+593 96 327 4064

### Eng. Nicholas Earley

+593 97 935 1405  
nspalding@ioet.com

## INTERESTS

Listening to music

Reading

Cooking

Digital art

## DOWNLOADS

📄 CV / Resume