

CAREER PROFILE

I am a software engineer specialized in DevOps engineering with experience in designing, building and maintaining core infrastructure. My experience is based on DevOps principles (process automation, IaC, system monitoring, continuous delivery, CI/CD pipeline implementation). Also, I have a strong knowledge in information security, programming and networking. As a team member, I am always willing to help, I enjoy interacting with my coworkers and clients, enabling me to learn as much as I can from them.

[AWS](#) [Terraform](#) [Ansible](#) [CloudFormation](#) [Python](#) [Shell Script](#) [Docker](#) [K8s](#) [GitHub Actions](#)

[Serverless](#) [AWS Lambda](#) [Azure](#) [GCP](#)

EXPERIENCES

DevOps Platform Engineer 10/2021 - Present

La Haus

During my time at La Haus, I've had the opportunity to collaborate on implementing new solutions aimed at enhancing workload performance, automating processes, improving security posture, and more:

Experience in deploying Large Language Models (LLMs) on AWS EC2 using GPU instances and inference-optimized instances ([Int1](#) / [Int2](#)), optimizing resource allocation for both training and inference tasks.

Built scalable and cost-efficient AI model serving solutions using Kubernetes and KServe, enabling dynamic autoscaling based on real-time traffic demands.

Reduced costs by 89% for CI/CD workflows execution using Fargate Spot Instances on AWS, optimizing automated tests execution time.

Improved efficiency and scalability of CI/CD workflows by implementing OCI Seekable, reducing container startup times, which improves performance when launching new containers and reduces costs.

Implemented an Internal Development Platform (IDP) streamlining time to market metrics (TTM), enabling rapid and secure release of new services while maintaining a comprehensive inventory of services.

Experience in implementing centralized Terraform modules, enhancing deployment efficiency and consistency. Proficient in GitOps practices for automated infrastructure deployment, optimizing development processes and ensuring reliability.

Other technologies:

- AWS EKS, AWS Transit Gateway, Router 53, AWS Certificate Manager, AWS RDS, AWS Security Hub

- Kubernetes, AWS EKS, Helm, FluxCD, SOPS, AWS Fargate

DevOps Engineer 09/2020 - 10/2021

Avalith

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 04/2019 - 09/2020

IOET, Inc.

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 10/2017 - 04/2018

KEA Electronics

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 10/2017 - 04/2018

CI Secure

Manage GNU/Linux servers.

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

Release Manager.

Web developer 10/2017 - 04/2018

CI Secure

Backend and frontend developer activities:

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

Relational database (PostgreSQL, SQLite).

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

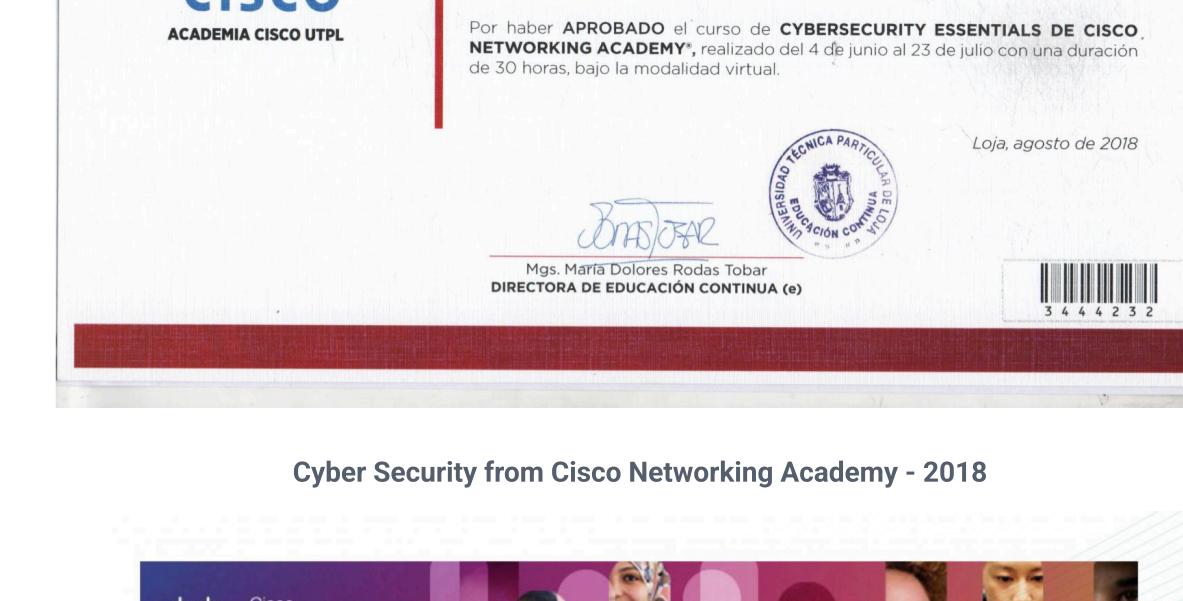
Mobile development with Ionic.

PROJECTS

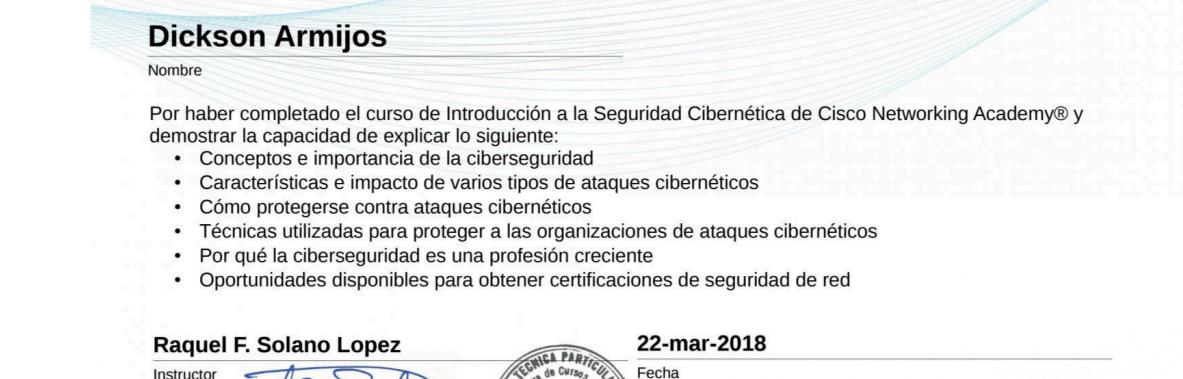
I like open source projects, these are some of my open source projects that I work on in my free time.

flux2-ecr-webhook Implement integrations with Flux webhooks to automatically update ECR images using the image reflector component ↗ HCL ⭐ 4 ⚡ 1	detect-changes-action Action to get paths and files changed in a Pull Request event and use these for GitHub Actions matrix JavaScript ⭐ 4 ⚡ 2
default-linux-tools Useful tools for linux environments Shell ⭐ 17 ⚡ 5	inject-sec-to-devops Security tools that you can inject into devops Python ⭐ 12 ⚡ 3
aws-serverless-devops Template project to create CI/CD pipeline for a serverless architecture ↗ JavaScript ⭐ 6 ⚡ 1	github-devops Implementation of CI/CD pipelines with Github Actions for AWS SAM application JavaScript ⭐ 1

SKILLS & PROFICIENCY



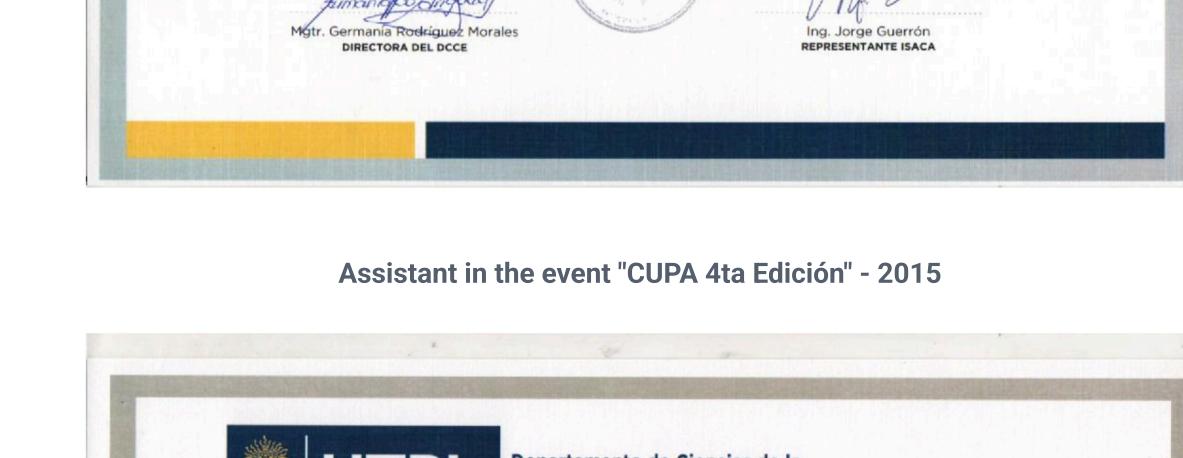
COURSES & CERTIFICATES



Speaker at the End of Degree Seminar - 2018



Cyber Security from Cisco Networking Academy - 2018



Presentado a:

Dickson Armijos

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

- Conceptos e importancia de la ciberseguridad

- Descripción de las principales amenazas ciberneticas

- Cómo protegerse contra ataques ciberneticos

- Técnicas utilizadas para proteger las organizaciones de ataques ciberneticos

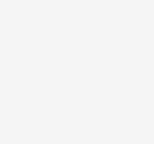
- Los tipos de amenazas y sus consecuencias

- Oportunidades disponibles para obtener certificaciones de seguridad de red

Receptor: Solano Lopez

Fecha:

Firma del receptor:



PROVISTO POR:

PROVIDED BY:

Conferen el presente certificado a:

DICKSON ARMIJOS

Por haber participado en calidad de Asistente en el evento "INFO DAY ISACA" realizado en la Universidad Técnica Particular de Loja el dia 10 de Abril de 2017, con una duración de 6 horas.

Loja, abril de 2017

Conferen el presente certificado a:

DICKSON FABIÁN ARMIJOS RENGEL

Por haber APROBADO el curso de CYBERSECURITY ESSENTIALS DE CISCO NETWORKING ACADEMY®, realizado el 10 de junio al 20 de julio con una duración de 30 horas, bajo la modalidad virtual.

Loja, agosto de 2018

Conferen el presente certificado a:

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Loja, abril de 2017

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Loja, Mayo del 2015

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