

## 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](#) [Git](#) [GitHub Actions](#)

[SonarQube](#) [OWASP Top 10](#) [Azure](#) [GCP](#)

## EXPERIENCES

### DevOps Platform Engineer

10/2021 - Present

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.

Reduced costs by 8% 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

### DevOps Engineer

Avalith

09/2020 - 10/2021

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 PostgresSQL, 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).

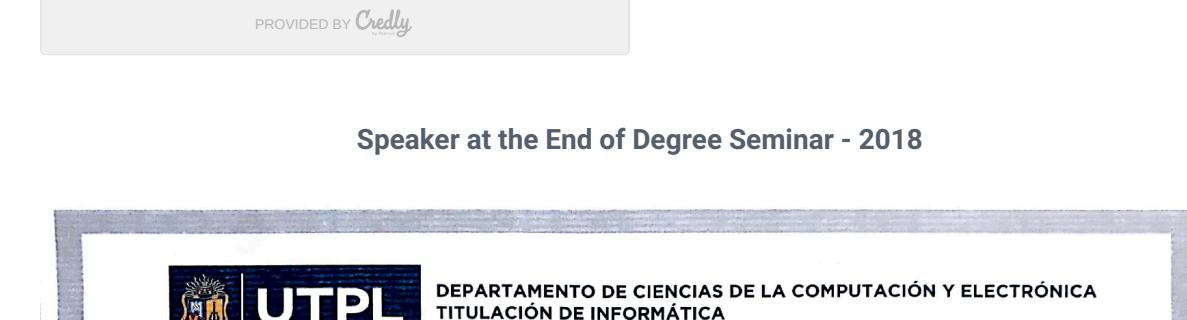
Relational database (PostgreSQL, SQLite).

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



### default-linux-tools

Useful tools for linux environments

Security tools that you can inject into devops

Shell ⭐ 14 ⚡ 5

Python ⭐ 9 ⚡ 3

### aws-serverless-devops

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

JavaScript ⭐ 6 ⚡ 1

### hugo-orbit-theme

Forked from aerohub/hugo-orbit-theme

Great looking resume/CV theme designed for developers.

CSS ⭐ 2 ⚡ 1

### hp-api

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

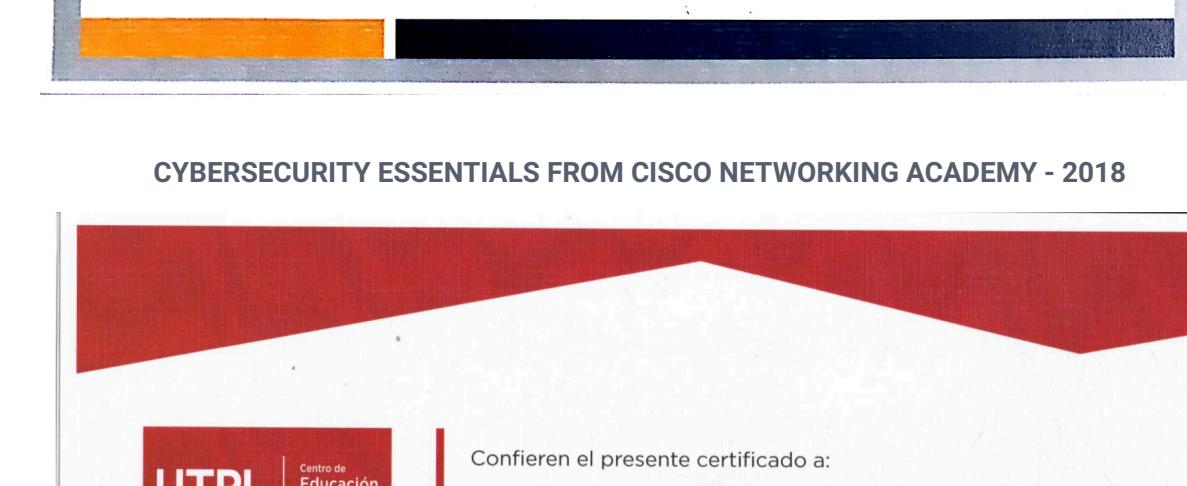
JavaScript ⭐ 1

### github-devops

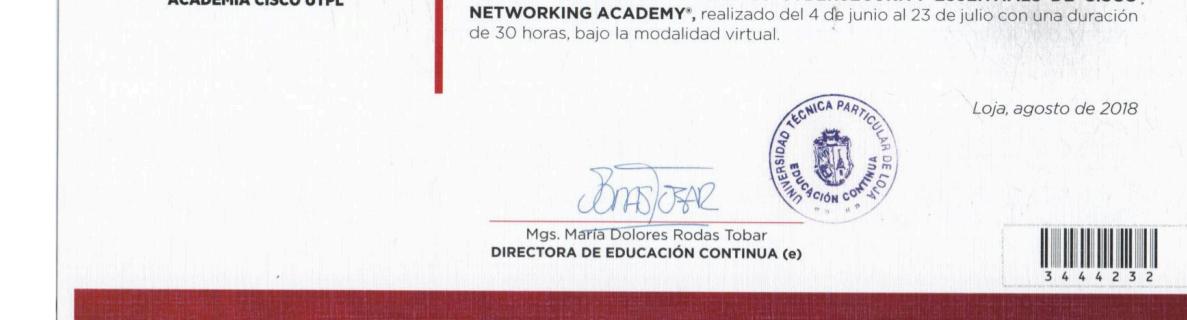
Implementation of CI/CD pipelines with Github Actions for AWS SAM application

JavaScript ⭐ 1

## SKILLS & PROFICIENCY



## COURSES & CERTIFICATES



### AWS Certified Cloud Practitioner

Issuer: Amazon Web Services Training and Certification

PROVIDED BY Credly

Speaker at the End of Degree Seminar - 2018



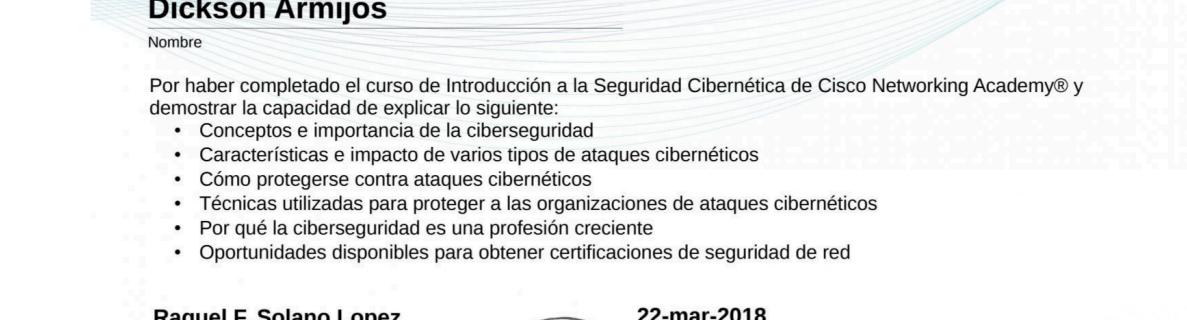
### DICKSON ARMIJOS R.

Conferen el presente certificado a:

DICKSON ARMIJOS R.

Por haber colaborado en calidad de Ponente en el Seminario de Fin de Titulación del 14 al 16 de noviembre del 2018, con una duración de 24 horas.

Laja, noviembre de 2018



### CYBERSECURITY ESSENTIALS FROM CISCO NETWORKING ACADEMY - 2018

CONFIRMED

UTPL

CENTRO DE EDUCACIÓN CONTINUA

CISCO

ACADEMY CISCO UTPL

CONFIRMED

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