HERNÁNDEZ TAPIA LUIS ENRIQUE

Software & Automation Engineer

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EDUCATION

2016- 2022 | Instituto Politécnico Nacional (IPN)
Bachelor of Computer Systems Engineering - Higher Computer Educational Center (ESCOM, IPN)
2022 | AWS Engineering Learning Series Event - Amazon
Workshops related to AWS technologies - Amazon Elastic Container Registry (CDMX, Polanco)
AWS Cloud Practitioner Essentials - AWS Skill Builder
2023 | Google Cloud Computing Foundations - Google Cloud Computing Foundations ACADEMY
I have taken courses on Fundamentals, Infrastructure, Data, ML, AI, Networking & Security in Google Cloud, with badges earned.

ACHIEVEMENTS

2021| Nokia Operations de México, S.A. DE C.V

- Massive deployment networking for Orocom's Private Cloud - Network Automation

2022| Nokia Operations de México, S.A. DE C.V

- Best assisted operation for the customer - Town Hall Operations Delivery LAT (Nokia)
- Best network integration team - Town Hall Colombia Q2 (Claro Colombia)

WORK EXPERIENCE:

Freelancer
Python Developer - Murgati S.A de C.V | Naucalpan, Edo Mex. | August 2019 - January 2020

- During my time at this company, I worked as a Python developer, specializing in scripting for invoice automation and XML file downloads from SAT Mexico's website.

Sec 360 & WhiteSecurity
Software Developer Java - Miguel Hidalgo CDMX. | March 2020 - January 2021

- I have created a SaaS platform that allows remote auditing of Linux servers using customized scripts. I have also incorporated a seed synchronization feature that ensures consistency across all systems. Once the audit is complete, the platform generates a comprehensive PDF report that contains all relevant information.
- I have developed a website service that utilizes the NOMs (Normas Oficiales Mexicana) with a form to ensure accuracy and efficiency in the auditing process.

Nokia Operations de México, S.A. DE C.V
Nuage Customer Engineering Intern | January 2021 - September 2021

- I have had experience developing scripts to automate the deployment of thousands of subnets for Nuage on the VSD. I utilized Python and Ansible with the API of the company to complete the task efficiently.

Nokia Operations de México, S.A. DE C.V
Network Automation Resident Engineer | October 2021 - August 2023

- I have hands-on experience with software-defined by networking, particularly VSC and VNS. I've deployed VSD, Elasticsearch, and Grafana and worked on Telco Cloud projects for Orocom Peru, Claro Argentina, and Claro Colombia.
- I automated Claro Colombia's data center deployment using Ansible, streamlining the process and ensuring consistency across all centers.

SKILLS:

- AWS/Terraform - 3 months
- Scrum/Agile/Jira - 2 years
- Java 8 & Python - 3 years
- Networking & deployments - 12 months
- Git - 2 years
- Spring Boot- 10 months
- Docker - 11 months
- Networking - 2 years
- Linux & KVM - 1 year
- Scripting, Ansible - 2 years
- MySQL - 5 months
- Writing MOPs and Documentation - 1 year