

HÉCTOR SILVAR VILLASEÑOR

Sr Software Engineer

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📍 CDMX



EXPERIENCE

Sr Software Engineer

Media.Monks

📅 Ongoing 📍 Remote

Client: Mondelez

- Participated in designing back-end architecture by proposing a scalable and flexible solution considering the best AWS practices and Java.
- Designed reusable software components used in more than ten different websites, reducing development effort by 50%.
- Reduced completion time for incoming requests down to 20% by optimizing cold start AWS lambdas.
- Reduced the failure rate of a transactional flow by 30%, improving and adding an SQS component to enable retries after errors.
- Improved DynamoDB indexes for better performance and taking advantage of single table design.

Backend Developer

Media.Monks

📅 07/2021 - 11/2021 📍 Remote

Client: CEMEX Mexico

- Worked with team of 3 members and provided end-to-end solution for clients
- Set up a development environment to be used by developers where all components and servers were managed by docker containers, reducing setup time by 30%.
- Delivered configuration management tools to show/hide products on-demand and settings to manipulate the behavior of the request a quote application.
- Launched a new Quotation page that constitutes 40% of business portfolio.
- Set up a new migration tool to move content between staging and live environments by doing SQL co-routines, guaranteeing data consistency, and minimizing manual work by 50%.

Backend Developer

VASS - Consultoría de Sistemas México

📅 08/2017 - 07/2021 📍 CDMX

Client: Movistar México

- Participated in designing the back-end architecture of more than five projects using the Spring framework as the principal technology.
- Developed +10 java modules using microservices philosophy to enable e-commerce features.
- Exposed more than 30 APIs based on Richardson REST Maturity Model, taking into account HTTP verbs, resources, and hypermedia controls.
- Wrote and maintained interfaces with 3rd party providers including payment gateways, inventory system, CRM, Fulfillment system, etc.
- Gained 2 years of experience in building docker containers.
- Automated process to import data into Mongo database to store IMEI's data to unlock cellphones on-demand.
- Owned more than 50 production deployments with more than 99% success rate

Backend Developer

Sistemas aKública

📅 10/2016 - 08/2017 📍 CDMX

Client: AXA Seguros Mexico

- Designed and implemented the first automated refund procedure system in a 25% customer satisfaction increase
- Integrated more than 15 APIs to be used by customer portal and mobile applications using spring framework tools
- Developed and maintained a maven multi-module project to store backend components to be reused along with all incoming features and requirements

EDUCATION

Systems Engineer

Zacatepec Technological Institute

📅 01/2009 - 01/2014

LANGUAGES

Spanish

Native



English

Advanced



TECHNOLOGY

Java 11 & above

Spring Boot

Docker

Docker compose

Spring Security

Spring Data

JUnit

Mockito

Spring Cloud

AWS SDK

AWS Serverless

AWS Lambdas

Kubernetes

Retrofit

GIT

Gitlab

Typescript

Swagger

OAuth2

JWT

Design Patterns

Linux

COURSES

Arquitecto de Microservicios Arcitura

Arcitura

Containers & Orchestration in Kubernetes

CirculoSiete

Mastering DevOps

CirculoSiete

Microservices Cloud Native

CirculoSiete

Spring Framework Master Class

Baeldung

Curso Profesional de Javascript

Platzi