

Santiago Paiz

Software Engineer/Java Developer/ Full-stack
Ing. en Ciencias de la Computación y Tecnologías de la Información

About Me

I'm a Computer Engineer, Java Developer, data scientist, and well-rounded full-stack developer. I enjoy working on startups, designing ideas, and searching for solutions to problems. I'm well versed in Design Thinking and I am getting a master's degree in Data Science at Harbor.Space University.

EXPERIENCE

Zero Innovation | Software Engineer

February 2017 – May 2019

- Monitored the participation metrics, such as attendance and audiences interest, of over 200 participants by developing an interactive device network
- Engineered a complex network by individually setting up and connecting 20 Raspberry Pi devices to a local server through custom routers. Created the application using Java+Sqlite.
- Provided data science service to contractors interested in monitoring their customer's demographics, consumers shifting interests and trends, and their active participation in market events.

ACTON Academy | Computer Science teacher

September 2018 – October 2018

- Taught Computer Science fundamentals to 40 high school students using Java.
- Created a falling waterfall where the students could make any word fall in the waterfall.

Colorfulstack | Backend Developer

November 2019 – March 2020

- Created 5+ websites using modern javascript frameworks and AWS cloud architecture.
- Implemented AWS Lambda, AWS Cognito, AWS API Gateway, EC2, and many more for a scalable web application for clients.
- Used Agil methodology for team development (SCRUM).

GNC Guatemala | Full Stack Developer

March 2020 – October 2020

- Designed and implemented automated systems of manual processes like communication between stores through automated emails.
- Created custom website for information display and easy access to data from the database

Firmagt | Cloud Engineer

June 2020 - July 2021

- Created a back end using AWS infrastructure with Java Spring, python in Lambda, and NodeJS in AWS Lambda, AWS API Gateway, EC2, and ECS.
- Got certified in AWS Cloud Partitioner.
- Production Support, helped with the infrastructure for monitoring and fault detection using AWS x-ray

Freelance | Full-stack Developer

July 2021 - October 2022

- As a part-time job, I focused on creating web applications for different clients.
- Designed and created infrastructures for scalable applications.
- Work with legacy code to translate it to modern new languages/frameworks

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SKILLS

Back-end:

Nodejs/Express, django, docker, Nestjs, Flask

Databases - postgres, mysql, sqlite, mongod, Dynamodb

Front-end: React, Ionic, html/css, javascript

Amazon Web Service

ec2, cloudwatch, lambda, s3, Route53, code pipeline, code commit, code deploy, IAM, AMI, LoadBalancer, RDS, DynamoDB, Step functions, cloudhsm, API Gateway, and java/python with aws sdk

Computer Languages:

Java, python, C++/C, C#, bash, javascript, php, html/css, sass

LANGUAGES

English - fluent

Spanish - native language

EDUCATION

American School of Guatemala — High School

August 2000- May 2012

Universidad del Valle, Guatemala — Computer Science Engineer

January 2015 - June 2021

Harbor Space, Spain — MSc Data Science (Currently)

August 2021 - July 2023

CERTIFICATES

AWS Certified Cloud Practitioner — [Link](#)

https://www.credly.com/badges/685b7ce0-f414-4abf-a409-2dff6ccc32cf?source=linked_in_profile