

# Marcos Avila Villamor

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## Experience

**Co-Creator, Software Engineer, Trellis** [🔗](#) 2022 – 2022

- Collaborated in the creation of a CI/CD pipeline for serverless applications utilizing Node.js, AWS CDK, and AWS SDK.
- Developed a dashboard that simplifies the deployment of serverless applications, including API Gateways, Lambda Functions, ECS tasks, and DynamoDB.
- Built a build server using Fargate Task that retrieves containers from ECR and integrates with AWS Secrets Manager to securely manage confidential information.
- Designed and implemented a backend system composed of a series of serverless functions, an API gateway, and a DynamoDB.
- Created a user-friendly dashboard using React, hosted on AWS S3 and delivered through AWS CloudFront, to enhance the deployment process for serverless applications.
- Authored a comprehensive case study highlighting the problems Trellis solves and the design choices and trade-offs made during its development. [Read the case study.](#) [🔗](#)

**Full-Stack Web Developer** 2019 – 2022

- As a self-employed full stack software developer, I have demonstrated proficiency in developing open source software using a wide range of technologies including Ruby, Node.js, Express, React, PostgreSQL, MongoDB, SQLite, HTML/CSS and others
- REQUEST8IN - A real-time tool for monitoring and receiving webhooks, utilizing DigitalOcean Droplet, Express, MongoDB, Node.js, Nginx, PostgreSQL, React, and Pug
- Shopping Cart - A database-backed e-commerce app, Shopping Cart, using React, MongoDB, Node.js and Docker
- RecipeBoss - A recipe saving app, RecipeBoss, that generates a weekly shopping list of ingredients using ERB, Ruby, and Sinatra.

**Marketing, Media Production & Web Development Consultant,** 2012 – 2019

*Miami Vibe Dancesport, Commonwealth Classic Dancesport, NDCA*

Experienced in general production, design implementation, branding, and marketing with a proven track record of delivering results. Developed & maintained responsive single page applications.

**Owner and Marketing Consultant,** 2010 – 2019

*Koseyface.com full-service boutique social media marketing agency*

Specialized in video production, marketing, branding, graphic design, photography, and website development with a focus on fashion, live events, and professional ballroom dancing industries.

## Skills

### Languages

JavaScript, Ruby, Golang, SQL, C, HTML/CSS

### Cloud

Digital Ocean (Droplets), Heroku, AWS (CDK, ECR, ECS, Cognito, Fargate, Lambda, Secrets Manager, API Gateway, CloudWatch, CloudFront, S3, DynamoDB)

## Education

**Bachelor of Business Administration - BBA Marketing and Advertising,**

*Baruch College Zicklin School of Business - The City University of New York* [🔗](#)

**Software Engineering & Web Development, Launch School**

A mastery-based school for software engineers: [launchschool.com/employers](https://launchschool.com/employers) [🔗](#)

### Frameworks

Express, React, Sinatra, Serverless, SST

### Other Technologies

Git, Github, Linux, Node.js, HTTP, RESTful APIs, PostgreSQL, MongoDB, SQLite, Docker, Jest