

Marcos Avila Villamor

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Experience

Full Stack Rails Developer / SE III, RELX/LexisNexis [🔗](#) 04/2023 – present

- Developing and iterating on platform components to enhance site availability, reliability, and maintainability.
- Utilizing analytics datasets to develop, train, test, and deploy machine learning models for diverse Law360 departments.
- Designing and implementing new web experiences for Law360 publications, ensuring high-quality user experiences and meeting client objectives.

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 – 2023

- 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
- Sundaland Shop - 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.

Owner, Marketing Consultant, and App Developer, 2010 – 2019

Koseyface.com full-service boutique social media marketing agency

Specialized in creating visually stunning and intuitive single-page applications for fashion, live events, and professional ballroom dancing industries. Proficient in video production, marketing, branding, graphic design, and photography with a focus on website development.

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, Aurora)

Frameworks

Ruby on Rails, Express, React, Sinatra, Serverless, SST, TailWindCSS

Other Technologies

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

Education

Bachelor of Business Administration - BBA Marketing and Advertising,

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