



YOAQUIM CINTRON

I'm an Engineering and Technology Leader with a focus on people. I have a passion for delivering value through technology, and building inclusive and effective teams.

When I'm not wrestling infras and code tructure in the cloud, you can find me playing video games, goofing off with my daughter, or woodworking.

ENGINEERING LEADER
STAFF SOFTWARE ENGINEER

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WHAT I'M GOOD AT

ENGINEERING LEADERSHIP

PROJECT DELIVERY

BUILDING TEAMS

INFRASTRUCTURE

FRONTEND ENGINEERING

DATA ENGINEERING

PLATFORM ENGINEERING

CLOUD OPERATIONS

DEVELOPER OPERATIONS

SKILLS

GPT INTEGRATION

PYTHON

JAVA

LLAMA INDEX

DOCKER

CDK

AWS

TERRAFORM

NODEJS

TYPESCRIPT

TERRAGRUNT

REACT

JAVASCRIPT

AIRFLOW

IONIC

TAILWIND

WINDMILL

FARGATE

BASH

POSTGRESQL

LAMBDA

GITHUB ACTIONS

REDSHIFT

AIRBYTE

SERVERLESS

SUPABASE

CHALICE

EDUCATION

UNIVERSITY OF PUERTO RICO AT
MAYAGUEZ

MAY 2014
B.Sc. Computer Engineering

WORK EXPERIENCE

BETABIT JAN.2019 - PRESENT
OWNER & CHIEF CONSULTANT

CLIENTS

ALLIED WORLD

DATA ARCHITECT LEAD & PLATFORM LEAD - CONSULTANT, DATA & PLATFORM

- Create Platform to centralize Data across all product pillars and teams, intake different data sources, and promote data for analysis purposes
- Spearhead new LLM Project: using Llama Index, Local LLMs — integrate with other parts of the Platform
- Define and build Data Processes: help define the Data Platform team and best practices
- Delivered a dynamic Data Platform with on-demand reports capability
- Leveraged Redshift and DMS to ensure data parity across internal EDWs and Products
- Used Terraform, CDK, and Chalice to build out Data Platform infrastructure
- Built Terraform AWS Cognito Module for Insurance Portal authentication
- Led team to deliver Insurance Portal

ATTUNE INSURANCE DEC.2018 - FEB.2022
HEAD OF DEVOPS & SENIOR ENG. MANAGER

- Build a platform where each employee had access to their own environment, through a GUI, with various deploy targets and capabilities
- Manage engineers across two teams, focusing on performance, career growth and mentoring
- Migrate all infrastructure from legacy cloud to AWS, cutting down yearly costs from \$1.2M to \$400K
- Scale DevOps team, processes and practices, organization-wide
- In charge of Security Initiatives and Technical Compliance
- Terraform (Infrastructure-as-Code) all infrastructure, including IAM users and permissions
- Created Sandboxes: ability for anyone in the company to create a copy of production environment with a couple of clicks
- Implemented entire logging, monitoring, and alerting stack for all services and systems
- Cross-functional leader: integrate and manage projects across the entire company

INTENT MEDIA **MAR.2015 - DEC.2018**
SOFTWARE, DEVOPS, ENG. MANAGER

- Manage and mentor junior engineers
- DevOps Lead for the Data Engineer Team
- Delivery Lead for Backend Team, ensuring goals are on track
- Implemented an automated, model training system in EMR and Spark
- Created a service that would serve up model prediction
- Migrate legacy systems to AWS ECS, Lambdas, S3 and more
- Implement a serverless, high-traffic, API on AWS
- Automate testing and deployment (CI/CD) of squad products
- Backend Java work with a heavy focus on TDD

HACKERATI **JAN.2015 - SEP.2015**
SOFTWARE ENGINEER

- Consultant leading new projects and resolving software challenges
- Expertise in scalable frontend solutions and team augmentation for deadline adherence
- Spearheaded internal projects for public product ideation.
- Successfully develop and deploy an e-commerce Angular app
- Consultant brought on to client projects
- Led in-house initiatives & projects
- Manage responsibilities of consulting and dealing with external clients

OPTIVON **OCT.2013 - DEC.2012**
SOFTWARE ENGINEER

- Integral member of a product development team for a law-enforcement software suite
- Pioneered the Android app foundation
- Fully executed the web app's backend, frontend, and cloud infrastructure
- Tech lead, making decisions on tech stack, DevOps and solutions
- Developed an Android app, Web app and API
- Worked on official United States Coast Guard Android app
- More than just tech work: design, sales and everything in between

PROJECTS

ZEMI github.com/yoaquin/zemi

OSS DATA-DRIVEN API FRAMEWORK

- zemi is a data-driven and reverse-routing library for Express built from the ground-up with Typescript, tests, code maintainability, CI/CD pipelines, documentation, and more.
- Declarative, data-driven configuration
- Recursive library
- 100% code coverage
- Grade A, Codeclimate Maintainability
- Fully documented
- Offloads handling: user has total control over route functionality

SANDBOXES

ON-DEMAND, PERSONAL DEV ENVIRONMENTS

- At Attune, spearheaded the design and implementation of an internal product: "Sandboxes".
- Enabled employees to create controlled replicas of our production environment via a UI.
- Each Sandbox supported individualized service versions within our stack.
- Revolutionized testing by facilitating comprehensive tests in near-production conditions.
- Dynamic environments meant you could spin up envs on-demand
- Rapid testing tool: Product Owners could test changes ASAP, and with high confidence
- Graphical Interface made using easy, especially for non-tech stakeholders
- Ability to deploy any service's (e.g. api, frontend) Git branch to a given Sandbox
- Each Sandbox user had their own link, which mapped to their own cloud space

HARVESTER

CENTRALIZED DATA PLATFORM

- Created a centralized Data Platform where all Product Pillars, Owners, and Team could define what data they wanted to process, upload data via API or GUI, and then promote data to be automatically available in Redshift
- Enabled data governance for all data accross the org
- Leveraged Windmill to quickly prototype and deliver backend code and data pipelines
- Up-and-running in under two weeks.

MAGNITUDE

LLM POWERED VISUAL CHAT

- Full web app using React, OpenAI API, Llama Index, Supabase, and Prompt Engineering
- Can upload a document (PDF, CSV, etc.) and asks questions on said document.
- Leverage LlamaIndex
- Can generate visual graphs off of data from documents

SWRPG MANAGER swrpgmanageryoachim.com

GAME MANAGEMENT WEB APP

- Full web app using React, Tailwind, Supabase, Cloudfront, Github Actions, and MixPanel for events.
- Daily usage, growing userbase