Armando Mota

Software Engineer

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EXPERIENCE

Co-Creator, Software Engineer, *Tacklebox*   2021 – 2021

Tacklebox (tacklebox-webhooks/github.io ⬈) is an open source serverless framework that offers webhooks as a service.

- Built a CLI tool that deploys all of Tacklebox's AWS components, builds its UI, and pre-populates its database (oclif, AWS CDK, AWS SDK, AWS CLI, IAM).
- Created Tacklebox's JavaScript API client library, and contributed to additional libraries written in Ruby, Go, and Python.
- Implemented the lambda functions that handle Tacklebox's services, users, and messages (API Gateway, Lambda, SNS, PostgreSQL)
- Added front-end components and their corresponding API routes for the management UI (React/Redux, HTML, CSS)
- Helped design and implement Tacklebox's database structure (PostgreSQL, RDS)
- Authored Tacklebox's comprehensive technical case study: https://tacklebox-webhooks.github.io ⬈

Software Engineer, *Self-employed*   2019 – 2021

- Flight Router: Airline route visualization app built with JavaScript and React
- Queue Hooks: Webhook (provider) service built with Node.js, Express, MongoDB, and React/Redux.
- Request Binner: A requestbin clone built with Node.js, JavaScript, HandleBars, ngrok
- Fourello: A Trello-like task management software built with JavaScript, Express, and React/Redux

Project Manager, *ExakTime*   2016 – 2021

- Led a team of 3 project managers in managing custom development and 3rd party integration projects
- Gathered requirements from clients and worked with engineers to design features that met customer's goals

SKILLS

Languages: JavaScript, Go, Ruby, SQL, HTML, CSS

Backend: Node.js, Express.js, Sinatra, PostgreSQL, MongoDB, Mongoose

Frontend: React, Redux, jQuery, Handlebars.js, Bootstrap, Tailwind CSS, Axios

Cloud: AWS (API Gateway, Lambda, SNS, SQS, CloudWatch, RDS, DynamoDB, CloudFormation, VPC, IAM, CLI, SDK), Digital Ocean, Heroku

EDUCATION

Launch School   2019 – 2021

Multi-year mastery-based full-stack software engineering curriculum.
http://launchschool.com/employers ⬈

University of California, Berkeley, *B.S. in Cognitive Science* 2012 − 2014