Nick Miller

Software Engineer
Los Angeles, CA

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EXPERIENCE

Nami (https://nami-serverless.github.io)   **January 2019 – Present**
Co-Creator, Software Engineer   Los Angeles, CA

Nami is an open-source framework that provides a simple command line interface for deploying a serverless architecture on AWS for consuming webhooks.
- Co-created a serverless framework using Node.js and AWS SDK.
- Created a CLI to abstract away complexities of deploying a data pipeline of AWS services including API Gateways, multiple Lambda functions, SQS queues, and EC2 instances.
- Developed functionality that allows users to accomplish with a single command on Nami what would take over 50 API calls to AWS to accomplish.
- Prioritized scalability, fault tolerance, and separation of concerns when engineering solutions.
- Decoupled services to take full advantage of the event-driven architecture enabled by webhooks.
- Crafted solutions to handle AWS rate limits and optimistic responses.
- Engineered EC2 instances to be automatically provisioned with a MongoDB image deployed via a Docker container.
- Co-authored a comprehensive case study on the design decisions encountered while creating the framework and the different problems Nami solves.

Freelance Full Stack Web Developer   **2017 - Present**
Software Engineer   Los Angeles, CA

Developed open-source web applications with technologies such as React, Node, Ruby on Rails, PostgreSQL, JavaScript, Ruby, HTML, and CSS, including:
- Nello - a project management tool which supports the creating, editing, and deleting of boards, lists, and cards (React/Redux, Rails)
- A Reddit-like social news application that allows you to add, edit, delete, upvote, and downvote posts (Rails, PostgreSQL, JavaScript)

Global Craft Trading / Nagano Trading Company   **2011 - 2017**
Supply Chain Manager, Buyer   Long Beach, CA / Yokohama, Japan
- Coordinated a $10 million craft beer supply chain for 15 foreign markets and global US military bases.

Goldman Sachs Group, Inc.   **2007 - 2011**
Securities Analyst   Tokyo, Japan
- Reconciled accounts and provided support to trading desks and clients in English and Japanese

SKILLS

Back End: Node, Ruby, Rails, Sinatra, PostgreSQL, RESTful APIs
Front End: JavaScript, React/Redux, HTML, CSS, jQuery
Other: AWS Lambda, AWS EC2, AWS SQS, AWS API Gateway, Git

EDUCATION

Launch School
Software Engineering & Full-stack Web Development

University of California at Davis
BA in Japanese Language