

# Yujohn Natrass

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## Profile

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I am a software engineer currently based in Queens, New York. I am a co-creator of Able, an open-source A/B testing framework for Jamstack applications using edge computing. I have multiple years of experience in the Ruby and Javascript ecosystems and am comfortable with AWS, Cloudflare, Docker, and Go.

## Experience

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**Co-Creator, Software Engineer, Able** [www.able-test.com](http://www.able-test.com) 2021 – present

- Co-created Able, an open-source A/B testing framework for Jamstack applications using edge computing.
- Designed, prototyped, and built Able using Cloudflare Workers, Cloudflare worker KV, and Amazon Web Services.
- Led the design and development of AWS infrastructure to host Umami, an open-source analytics application, using ECS Fargate, ALB, and RDS resulting in a scalable solution.
- Secured the connection to our analytics application by using Amazon Certificate Manager, Cloudflare API, AWS CDK, and AWS SDK.
- Built an HTML script injection service for analytics with Cloudflare's HTMLRewriter API.
- Automated Able's infrastructure deployment with AWS CDK and Cloudflare API.
- Authored Able's case study detailing the technical challenges. [www.able-test.com/case](http://www.able-test.com/case)

**Software Engineer, Self Employed** 2019 – 2021

- Request Bucket - an application for collecting and inspecting HTTP/webhook requests. Built with Node, Express, and PostgreSQL
- Jello - a project manager inspired by Trello built with Node, Express, MongoDB, and React/Redux
- Memory Cards - a flashcard application built with Ruby, Sinatra, and PostgreSQL

**Head Barista, Everbean Cafe** 2017 – 2021

- Planned and taught monthly coffee-related classes for the public.

## Skills

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### Languages

Ruby, JavaScript, GoLang, SQL, HTML, CSS

### Frameworks

React, Redux, Express, Sinatra, jQuery

### Cloud

Cloudflare Workers, Cloudflare Worker KV, AWS CDK, AWS SDK, EC2, ECS, RDS, ALB, ACM, Docker, Digital Ocean Droplets, Heroku

### Technologies

Git, Github, Linux, Node.js, HTTP, OOP, RESTful API, PostgreSQL, MongoDB, HandlebarsJS, vim

## Certificates

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**AWS Certified Cloud Practitioner** (expires on August 7, 2024)

## Education

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**Software Engineering (Capstone), Launch School** 2019 – 2021

A multi-year mastery-based software engineering curriculum.

**Law Enforcement Studies Diploma,** 2014 – 2016

*Justice Institute of British Columbia*