

# Michael Rago

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## PROFESSIONAL EXPERIENCE

### Co-Creator and Software Engineer

2021 – present

*Able* [↗](#)

- Co-created Able, an A/B testing framework for Jamstack applications using edge computing
- Collaborated with a small, self-directed team of aspiring engineers to bring Able from original concept to completed project in less than three months
- Utilized Cloudflare API to automate creation and enabling of Worker scripts and KV Store
- Wrote Cloudflare worker script to handle splitting of traffic to serve appropriate static content from Cloudflare CDN while inserting test cookie and tracking script
- Designed Node CLI application to automate service deployment and provisioning using AWS SDK/CDK and Cloudflare API
- Researched and evaluated available web analytics products for suitability to integrate with Able
- Automated deployment and integration of Umami, an open-source analytics application on AWS infrastructure, using ECS Fargate, ALB, and RDS
- Authored case study and website [↗](#) on Able detailing technical challenges faced during development

### Freelance Full-Stack Software Engineer

2020 – 2021

- Request Bin, a utility for inspecting webhooks and other HTTP requests using JavaScript and PostgreSQL
- Todos, a task management application built with Node.js, Handlebars, HTML and CSS
- Shopping Cart, a retail shopping cart application using React/Redux, MongoDB and Express

### Passenger Transportation Worker

2011 – 2019

*Various Employers*

- Operated passenger transit vehicles on a seasonal basis in various environments

## EDUCATION

### Core Curriculum/Capstone Program

2019 – 2021

*Launch School*

Mastery-based program designed to launch careers in software engineering

### Bachelor of Arts

New Brunswick, NJ

*Rutgers University*

## SKILLS

### Languages

JavaScript, Ruby, Golang, HTML, CSS, SQL

### Frameworks

Express, React (Redux, Router), Sinatra, jQuery

### Cloud

Cloudflare Workers, Docker, Heroku, AWS SDK, AWS CDK, EC2, RDS, ALB

### Technologies

Node.js, Git, PostgreSQL, MySQL, MongoDB, Jest, EJS, ERB, NGINX, RESTful APIs