

# Minh Vu

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## Professional Experience

2021

### Co-Creator, Software Engineer, Monsoon [🔗](#)

- Designed and implemented Monsoon, an open-source, serverless framework to run browser-based load tests in the cloud.
- Built a CLI with Node.js and published it as an NPM package.
- Automated provisioning and teardown of AWS cloud infrastructure via AWS Cloud Development Kit.
- Utilized AWS services to design and build the cloud infrastructure needed to support up to 20,000 concurrent users in a load-testing environment.
- Built an ETL pipeline capable of processing 100s of millions of data points per hour.
- Resolved complex timing and concurrency issues in the pipeline.
- Created a dashboard for observability of load testing results, using React/Redux, Node.js, Express, and TailwindCSS.
- Collaborated with a remote team of engineers, including daily standups and pair programming.
- Gave a live tech talk about Monsoon. [🔗](#)
- Co-authored Monsoon's comprehensive technical white paper and produced front-end assets and animations for Monsoon's website [🔗](#).

2020 – 2021

### Full Stack Web Developer, Self-Employed

- Developed open-source software using Node.js, Express, Ruby, Sinatra, PostgreSQL, React/Redux, vanilla JavaScript, HTML, and CSS.
- **PostIt** - a Reddit-like application built with Ruby on Rails and PostgreSQL.
- **RequestIt** - A real time request bin built with React, Tailwind, Express, and Websockets.

2018 – 2020

### University of Illinois at Chicago

*Multiple works related to assisting professors in conducting research, writing papers, and present findings to the public through posters.*

## Skills

### Backend

Node.js, Express, Ruby, Sinatra, Go, SQL, MongoDB, PostgreSQL, RESTful APIs, Webhooks

### Frontend

Javascript (ES6), JQuery, Handlebars.js, React/Redux, HTML/CSS, TailwindCSS

### Cloud

AWS (CDK, EC2, ECS, Fargate, S3, IAM, ECR, Lambda, Timestream), Heroku, Digital Ocean

### Tools

Git/Github, Postman, Docker

## Education

2020 – 2021

### Capstone Program, Launch School [🔗](#)

Multi-year full-stack software engineering curriculum emphasizing mastery of core skills and programming fundamentals.

2016 – 2020

**Bachelor of Science in Biochemistry, University of Illinois at Chicago (UIC)**  
GPA: 3.8/4.0