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 robust and easy-to-use CLI with Node.js and published it as an NPM package.
- Automated provisioning and teardown of AWS cloud infrastructure via AWS Cloud Development Kit.
- Designed and built the cloud infrastructure needed to support up to 20,000 thousands concurrent users in a load-testing environment.
- 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.
- 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	*Multiple works related to assist professors in conducting research, writing papers, and present findings to the public through posters.*

Skills

Backend	**Frontend**	**Cloud**	**Tools**
Node.js, Express, Ruby, Sinatra, Go, SQL, MongoDB, PostgreSQL, RESTful APIs, Webhooks	Javascript (ES6), JQuery, Handlebars.js, React/Redux, HTML/CSS, TailwindCSS	AWS (CDK, EC2, ECS, Fargate, S3, IAM, ECR, Lambda, Timestream), Heroku, Digital Ocean	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