Minh Vu

Chicago, IL ✉ minhphanh.vu@gmail.com minhphanhvu

Professional Experience

2021 – present

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	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