

# THINH NGUYEN

☎ 413-210-2066 ✉ [phuocthinhdn12023@gmail.com](mailto:phuocthinhdn12023@gmail.com) [linkedin.com/in/thinh-nguyen-phuoc](https://www.linkedin.com/in/thinh-nguyen-phuoc) [github.com/ThomasN12](https://github.com/ThomasN12)

## Education

University of Massachusetts - Amherst

Sep. 2021 – Dec. 2024

Bachelor of Science in Computer Science, GPA: 3.9, *Dean's List Honor, Chancellor's Award*

Amherst, MA

## Technical Skills

**Languages:** C/C++, Python, Java, Ruby, Golang, HTML, CSS, JavaScript, TypeScript.

**Technologies/Frameworks:** React.js, Vue.js, Node.js, Express.js, Ruby On Rails, Gin, Linux/Unix.

**Database/Tool:** AWS, MongoDB, MySQL, SQLite, PostgreSQL, Git, Docker, Heroku.

## Experience

### Stitchbox

Oct. 2022 – Present

*Software Engineer*

- Developed backend features for the Stitchbox App, a gaming-centric social network, using **Golang** and **Gin** framework.
- Built RESTful APIs for users to post short videos and send gaming challenges with **Amazon S3** and **Mux**.
- Implemented core APIs and middlewares for authentication and authorization system by using **JWT** and **BCrypt**.

### BUILD UMass

Oct. 2022 – Present

*Software Engineer - Technical Lead*

*Amherst, Massachusetts*

- Managed and mentored a team of 6 developers to build scalable technological solutions for non-profits, startups, and local businesses in Massachusetts.
- Organized team activities using **Agile** methodology to build a new website for MassPIRG.
- Planned and implemented MassPIRG's web backend system with **MongoDB**, **Node.js**, and **Express**. Designed and built an interactive, user-oriented web interface using **React.js**.
- Reviewed code and documentation of other members to maintain high software quality and reliability.
- Worked closely with clients to design product features and propose technical designs.

### Paracel Technology Solutions

May 2022 – Aug. 2022

*Software Engineer Intern*

*Da Nang, Vietnam*

- Built responsive forms with **Vue.js** for the admin to customize point rewards settings and for users to buy points.
- Maintained and updated the UI/UX and API calls for the transaction history table and other components.
- Built RESTful APIs using **Ruby On Rails** for users to manage monthly billing subscription and transaction history and for the administrators to keep track of active users, subscription plans, and data for metrics dashboard.
- Optimized** backend database seeding, reducing **95%** runtime compared to the last quarter, reported by the team's Data Scientists, by implementing an **optimal algorithm** to filter out duplicate data from CSV charts.
- Created a **Ruby Logger service** to manage and filter more than **100,000** lines of weekly log files based on severity levels for administrative maintenance.
- Built and optimized web crawler with **Python**, **Selenium**, and **Beautiful Soup** to enhance the datasets for AI model training.

## Projects

[Course Outlook](#) | *Vue.js, Node.js, Express.js, MongoDB, Heroku*

Oct. 2022 - Nov. 2022

- Built a full-stack website for UMass students to find courses, read and write reviews, ask questions and find study partners.

[Rox Blog](#) | *Vue.js, Ruby On Rails, SQLite, Heroku*

Jul. 2022 - Sep. 2022

- Built and designed **Rox Blog** where users can share their interesting stories. Each article can be sorted into different categories in order for users to follow their favorite topics.

[Habit Tracker](#) | *React.js, Node.js, ExpressJS, MongoDB, Heroku*

May 2022 - Jun. 2022

- Designed and developed **Habit tracker** web application that allows users to keep track of their daily habits.
- Integrated a new feature allowing users to create reminders and scheduled summaries through email with **Nodemailer** and **NodeCron**.

[Food and Beverage](#) | *Node.js, ExpressJS, EJS, MongoDB, PassportJS, Heroku*

Jan. 2022 - Mar. 2022

- Food and Beverage** is a platform for people to share their favorite food or drink places. This application also allows users to rate and comment on other users' posts.
- Utilized **Node.js**, **Express**, and **EJS** to build a server-side rendering web application with **session-based** authentication and authorization.