SANG HUYNH THANH

SOFTWARE DEVELOPER

"STAY HUNGRY, STAY FOOLISH"

— STEVE JOBS

CAREER GOALS

- **Immediate goals:**

  Enthusiastic professional eager to explore the world of web applications, regardless of the tech stack.

  Dive deeper into Open-Source to challenge myself and gain more lessons learned.

- **Long-term goals:**

  Motivated professional to enhance knowledge and soft skills to become an influential leader capable of supporting and inspiring others.

PROFILE

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EDUCATION & WORKING BACKGROUND

NOW 10/2022
- Organizer @Ruby Tuesday Meetup
- Fullstack Developer @ Nimble Vietnam

10/2022 08/2022
- Ruby on Rails Developer @ Skylab Innogram Vietnam

08/2022 07/2021
- Ruby on Rails Developer @ Money Forward Vietnam

2018 - 2021
- GPA 7.50
- Students majoring in Computer Science - Ho Chi Minh City University of Technology.

2015 - 2018
- Mathematically gifted student at Thang Long High School for the Gifted, Dalat.
- Won the second prize at provincial-level Excellent Student Contest.
- Got two Study Promotion Scholarship.

SKILLS SUMMARY

Ruby on Rails	ReactJS / NextJS	Mulesoft
Terraform	AWS	Docker	Kubernetes

CERTIFICATE

- Certified AWS Developer Associate (811)
- TOEIC Listening and Reading Certificate (770)

03/2025 - Now
@Nimble VietNam

Team Leader
6 people

Tech stack: **PostgreSQL, redis, sidekiq, bootstrap, Ruby on Rails, Hotwire turbo/stimulus**

This project focused on e-commerce, which handles the full flow of ordering a product with a variety of fulfillment methods, both Frontend and Backend.

Frontend Development:

The platform served multiple clients, including chains of markets, food, and beverage businesses, each requiring customizable themes such as brand-specific colors, font families, and layouts. To meet these demands, we leveraged **Bootstrap** to create **reusable**, **customizable** components while maintaining full **control over** the **asset pipeline** within the Rails project.

Backend Development:

E-commerce development required high code readability and maintainability. By strictly following team conventions and emphasizing clean architecture, we minimized conflicts and unnecessary revisions. In my role as Team Leader, I focused on **task planning** and **prioritization** under tight timelines, ensuring a fast yet stable development cycle. I emphasized code quality by promoting the use of well-established **design patterns** such as **Presenter, Decorator, Form Object, Query Object,** and **Factory Method**.

Through this project, I further sharpened my leadership skills and deepened my technical expertise in scalable, maintainable Rails applications. I also learned to balance speed and quality, while fostering collaboration between team members and product team.

11/2024 - 02/2025
@Nimble VietNam

Team Leader
4 people

Tech stack: Mulesoft, RAML

After nearly a year of contributing to the project, I was promoted to Team Leader, working closely with the Project Manager to address production issues, manage risks, and ensure project stability. In this role, I was responsible for planning and prioritizing tasks based on business goals and technical feasibility, ensuring timely and high-quality deliverables from the team.

Beyond internal team management, I actively engaged with clients and key stakeholders to clarify requirements, address concerns, and align development efforts with business objectives. This experience significantly enhanced my communication and problem-solving skills, enabling smoother collaboration within the team and contributing to a more efficient development process overall.

For more details about my personal project, I invite you to explore my portfolio at:
https://portfolio.softwere.xyz/portfolio

09/2023 - 11/2024
@Nimble VietNam

Fullstack Developer
6 people

Tech stack: Mulesoft, RAML, NextJS, MonoRepo, AWS

This project focused on developing a website and applications for the food and beverage industry, ensuring seamless integration and consistent actions between web and mobile platforms.

Frontend Development:

Initially, we managed a mono repo project, establishing a template for future brands with reusable and publishable packages. This required a generic approach to ensure flexibility and scalability.
Furthermore, we implemented the new **app router** from **Next.js**, which enhanced user experience by managing **heavy workloads across different countries.** This allowed users to manage menus, stores, and payment methods seamlessly, **regardless of their location**.
As a result, I improved my **planning skills** and maintained a **structured approach** to feature development and the integration of new techniques.

Backend Development:

On the backend side, we managed Middleware with API connectivity-led architecture using Mulesoft, connecting data to applications through reusable and purposeful APIs within the organization's ecosystem.
This involved developing APIs to unlock data from systems, compose data into processes, and deliver user experiences. Our focus was on **designing APIs** that are **convenient** for end users, including both frontend and mobile applications. Consequently, I gained experience in architecting applications involving **multiple third-party integrations** and ensuring efficient data flow and connectivity.

Through this project, I enhanced my skills in **planning**, **structuring** features, and implementing new techniques. I also gained valuable experience in **API design** and a**pplication architecture**, ensuring efficient and user-friendly solutions.

10/2022 - 08/2023
@Nimble VietNam

Fullstack Developer
7 people

Tech stack: PostgreSQL, redis, sidekiq, bootstrap, Ruby on Rails, AWS, OpenAPI

Flexi Payroll is a cutting-edge SaaS HR Platform, presented as a responsive web application, aimed at streamlining HR tasks and facilitating direct advance payment access for employees through the platform. During my involvement with this project, I made significant strides in my professional growth and technical expertise.

Through this experience, I honed my skills in implementing best practices while working with Rails and gained an in-depth understanding of various design patterns within the Rails framework as well as having a chance to work with cutting-edge Rails features as can be counted with **Stimulus** and **Hotwire**. Not only just stick firmly to the UI that requires the skills in structuring the components, separate the reusable methods of the Presenter from the server-side logic of the Decorator, but also manage and design the `try-catch` strategy along with the Background Jobs. My dedication to continuously improve led to enhanced time management skills, allowing me to efficiently contribute not only to Flexi Payroll but also to open-source projects such as Rails templates. Delving deeper into Rails has been an enriching experience, further solidifying my grasp on the technology.

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08/2022 - 10/2022
@Skylab Innogram Vietnam

Fullstack Developer
7 people

Tech stack: PostgreSQL, redis, sidekiq, Ruby on Rails, AWS, Docker, Kubernetes, OpenAPI

This project revolves around an intermediary platform that simplifies the process of automatically provisioning resources with a single click. It streamlines and minimizes the steps for end-users, distinguishing itself from other platforms. Additionally, the platform facilitates seamless connection between on-premise and cloud infrastructures, effectively reducing costs and simplifying management.

During my time on this project, despite a short probation period, I gained valuable experience and knowledge. I embraced the opportunity to work with Kubernetes, exploring the world of automation and CI/CD. My exposure to Docker allowed me to delve into containerization, while my daily interactions with the CLI enhanced my command-line skills significantly.

2021 - 2022
@Money Forward VietNam

Fullstack Developer
5 people

Tech stack: mysql, redis, sidekiq, bootstrap, Ruby on Rails

FP Matching (fp.moneyforward.com) is a website that acts as a go-between or that serves as a crucial intermediary platform, connecting insurers and customers seamlessly. In this role, I took on the responsibilities of not only implementing the user interface (UI) but also ensuring seamless data handling for various critical components, including landing pages, registration forms, and data visualization for administrative purposes.

Through this experience, I refined my skills in form management, data visualization, and query optimization, ensuring a seamless user experience for both customers and managers. Additionally, I gained expertise in improving SEO scores by utilizing correct tags and adding meta tags to enhance webpage visibility. Excited to apply these valuable skills to future projects.

2021 - 2022
@Money Forward VietNam

Fullstack Developer
16 people

Tech stack: mysql, redis, sidekiq, bootstrap, Ruby on Rails, JWT

Personal Finance Management is a captivating and transformative mobile application project, I undertook a role that allowed me to expand my skills and knowledge significantly. As a developer, I had the privilege of implementing robust APIs using JWT for authentication, enabling seamless data synchronization between the application and other external platforms and banks. This feature empowered users to manage their personal finances effortlessly, delivering a truly seamless and integrated experience.

One of the project's most intriguing aspects was the creation of a sophisticated background job system, housing numerous workers. This intricate setup ensured swift and efficient data synchronization and the seamless execution of background tasks. The experience deepened my understanding of handling complex workflows and optimizing performance in Rails, further elevating my proficiency as a developer.

Moreover, dealing with real-world challenges in a production environment allowed me to enhance my problem-solving abilities. Resolving feedback and optimizing database performance demanded proficiency in Rails and database management, further solidifying my skills in these areas.

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2020 - 2021
@Personal project in 7 months
Tech stack: ReactJs, ExpressJs, Firebase, NginX, JWT

Fullstack Developer
4 people

Golds (golds.netlify.app) is my thesis project that involved creating an innovative e-commerce platform tailored for students, enabling them to exchange rarely used items conveniently. Leveraging ReactJs, I crafted a seamless and intuitive user interface, while ExpressJs facilitated the backend implementation using the MVC model, ensuring a robust foundation for the platform.

To deliver real-time data updates and secure authentication, I integrated Firebase's Firestore service, a cutting-edge cloud database, and an authentication system. This allowed for dynamic interactions between users while ensuring data integrity and user security. Taking the project to the next level, I successfully launched it in a live environment using a Virtual Private Server (VPS) for hosting. Optimizing performance was achieved through the implementation of the Nginx web server, ensuring a responsive and reliable platform. Security was paramount, and I obtained a digital certificate from Let's Encrypt, safeguarding users' data and transactions.

Throughout this endeavour, I honed my skills in front-end and back-end development, cloud services, and server management. This comprehensive project has equipped me with the practical experience and proficiency to tackle complex web development challenges confidently.

2020 - 2021
@Personal project in 3 months
Tech stack: ReactJs, ExpressJs, Firebase

Fullstack Developer
3 people

Interior E-commerce is an ambitious project, I developed a furniture-selling e-commerce platform with a user-friendly management page for store owners. Using ReactJs for the UI and ExpressJs with Firebase Authentication for the backend, the platform seamlessly integrates Momo and VNPAY for payments and GHN for shipping information and fees. Skillfully implemented callbacks ensure efficient data exchange.

This project expanded my expertise in front-end and back-end development, API integration, and payment gateways. I am excited to apply these skills to future e-commerce projects.

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