



LƯU CÔNG MINH

— SOFTWARE ENGINEER —

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 github.com/Kuro091/

ABOUT ME

Confident in troubleshooting skills. – Each solution, be it in programming or architectural, that I deliver all has been well-researched beforehand.

Excited and motivated to learn more – As the world of technology changes daily, I always try my best to keep up to date with the best practice for robust programming. I take pride being a **quick learner**.

EDUCATION

Tran Phu High
School for the Gifted

FPT University

09/2017 | Hai Phong, Vietnam
Graduated with 3.7 GPA

09/2017 – 04/2021 | Ha Noi, Vietnam
Graduated with 3.2 GPA (very good)

WORK EXPERIENCE

FPT Software (intern) (09/2019 – 12/2019): Worked as an intern at FPT.

FPT Software (employee) (01/2020 – now): Worked as a full-stack developer at FPT on different outsource projects. (Please refer to the **Projects** section for my listed public works).

SKILLS

Coding Languages:	Javascript, Java, C#, Python
Frontend Frameworks:	ReactJS, NextJS, VueJS, Angular All with Typescript. Preprocessors: TailwindCSS, SASS. UI Lib: Material UI, Bootstrap, Charka, etc.
Backend Frameworks:	NodeJS with Express, NestJS, MongoDB with mongoose, GraphQL, Prisma
Backend Databases:	PostgreSQL, MySQL, SQLServer, Firebase etc.
Tools:	VS Code, Visual Studios, SQL Management Studio, Postman
Testing Framework:	Jest, React Testing Framework, Junit, Nunit, Selenium, Mockito, Moq
DevOps:	Docker, Docker Compose, Kubernetes, ArgoCD, Gitlab
Cloud:	AWS (most familiar), Azure, GCP, Alibaba Cloud

CERTIFICATES (please refer to my LinkedIn to see my credentials)

AWS Certified Cloud Practitioner & AWS Certified Solutions Architect - Associate (Amazon Web Services (AWS))
Issued Apr 2022 - Expires Apr 2025
Apollo Graph Developer – Associate & Apollo Graph Developer – Professional
Issued Dec 16, 2022 and Jan 11, 2023 respectively

SingHealth	Singapore government's site dedicating to healthcare.
singhealth.com.sg	
Client: SingGov, Team size: 30	
Tech: SharePoint on premise 2013 C# .NET Web languages (HTML, CSS, JS, JQuery)	
What I do in the project (Fullstack Dev): Maintaining the 12 site collections. Fulfilling client's requests regarding custom solution utilizing SharePoint so that content team can deliver articles as seamlessly as possible. Taking precautions to make sure such an old technology is on par security-wise.	
What I learned through the project: <ul style="list-style-type: none">- Ups and downs of having an on-premise system (having to manage everything on your own)- Communicate effectively between teams and vendors, onsite and offshore.- Navigating through a matured system, refactoring often as to keep tech debts at bay.- Keeping myself up to date on the site issues to come up with countermeasures as soon as possible.- Keeping myself up to date with today's technology so that I do not fall behind.	

YarnBank	Digital Library for Yarn
yarnbank.shimaseiki.com	
Client: Shimaseiki, Team size: 5	
Tech: VueJS (Vue 2), Vuex and SASS for the frontend. NodeJS w/ ExpressJS, PostgreSQL and Redis for the backend. AWS for deployment.	
What I do in the project (Fullstack Dev): Worked on both the frontend and the backend to deliver features. Resolving requests to enhance the user’s experience, as well as security concerns for the project (on both backend, frontend and on AWS) as per client’s requests.	
What I learned through the project: <ul style="list-style-type: none">- CI/CD pipelines to ensure smoother deliver as well as better developer experience.- How to efficiently work through the language barrier.- How to efficiently visualize the data flow to better implement any requested features.- Debugging on the cloud.- Deeper understanding of the inner workings of NodeJS’ event loop and Vuejs’ reactivity system.	

Novalearn	After-school learning platform
novalearn.org	
Client: Novalearn, Team size: 20	
Tech: NextJS, CharkaUI, TailwindCSS, GraphQL for frontend. NestJS, GraphQL, Prisma for backend. Docker and Kubernetes, Rancher, ArgoCD for deployment, as well as Docker Compose for local development.	
What I do in the project: (Fullstack Dev): Assessing client's requests and implementing them.	
What I learned through the project: <ul style="list-style-type: none">- Deliver features in phrases.- Working with a plethora of generators to avoid boilerplates.- How to work with application for scale, multi-tenants deployments.- Improve my understanding of CI/CD pipelines, as well as giving me the chance to work with more CI/CD tools.- Enhancing UX. Accessibility is not to be ignored.	

OpenComp	Compensation tool
Opencomp.com	
Client: OpenComp, Team size: 15	
Tech: ReactJS, Redux, Bootstrap, Storybook, Webpack for frontend. Ruby on Rails for backend.	
What I do in the project (Frontend Dev): Worked mainly on the frontend. Implement complex reactive components for reuse.	
What I learned through the project: <ul style="list-style-type: none">- Optimizing the frontend experience. Prevent component re-rendering through clever use of react composite nature.- Developing and implementing a design system.- Exposure to many tools to enhance the developer experience, like pre-commit tool like Husky.- Working with a monorepo.- Writing conventional commits.	

NOTABLE PERSONAL PROJECTS (Github - github.com/Kuro091)

SuperTribble	Run code within the browser! Add as many code cells and text cells as you want for easy documentation.
https://github.com/Kuro091/super-tribble	
Role: Solo project	
Tech: TypeScript + ReactJS + Redux	
Built to get a better understanding of esbuild	

Dystance	App for distance learning, with fully functional video conference functionalities.
https://github.com/Danteproto/dystance-backend	
Role: Backend in a team of 5	
Tech: React with ElectronJS, with ASP.NET Core Backend. Video conferencing functions backed by Jitsi.	
Built during Covid as a way to learn more about video conferencing techs.	

Pipboy project	A re-creation of Pipboy from Fallout 4
https://github.com/Kuro091/Pipboy-Project	
Role: Solo project	
Tech: Just Vanilla HTML + CSS + JS	
Native CSS is great! Built to explore the many possibilities of just CSS.	

CMS Blog	An attempt on trying out GraphCMS as a backend for static blog contents.
https://github.com/Kuro091/CMS-Blog	
Role: Solo project	
Tech: NextJS, backend handled by CMSBlog queried using GraphQL.	
Built as a proof-of-concept of using CMS solutions. (I mostly use Strapi now)	