CURRICULUM VITAE

Fullname: Nguyen Hoang Thong	Position: Fresher/Junior Fullstack Developer
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WORK EXPERIENCE

DigiMe CO., LTD
Sep, 2022 - June, 2024
HCMC, VietNam

Role: GIS Data Processing

- Developed software solutions for geospatial data processing, improving data accuracy and efficiency.
- Worked with various data formats (GeoTIFF, Shapefile, PNG, JPG) and GIS tools to extract and visualize information.
- Gained experience in training AI models for object detection using YOLO, applying deep learning techniques to map-based datasets.

Softworld Technology
Jul 2024 – Oct 2024
HCMC, VietNam

Role : Full-Stack Developer Intern

- Developed and maintained web applications using Next.js, React, and Laravel.
- Implemented RESTful APIs and optimized backend performance.
- Gained hands-on experience in database management, authentication, and cloud deployment.
- Researched and implemented AI-powered applications using LangChain, integrating LLMs (Large Language Models) for chatbot development and automation tasks.

MindX Technology
Nov 2023 – Feb 2025
HCMC, VietNam

Role : Programming Instructor

- Taught programming courses on Python, JavaScript, and Web Development to students aged 6-18.
- Designed and delivered hands-on projects in Scratch, GameMaker, and Robotics.
- Mentored students in problem-solving and algorithmic thinking.

SteamZone
Oct 2024 – Feb 2025
HCMC, VietNam

Role : EdTech Engineer & Instructor

- Developed and programmed IoT model devices using C++, enhancing automation and real-time data processing.
- Provided technical support for the installation and troubleshooting of CNC machines, 3D printers, and robotic systems.
- Designed and programmed robotic applications using JavaScript and Python, optimizing functionality and performance.
- Taught advanced computer science at the primary level, incorporating hands-on STEM activities to inspire creativity and problem-solving skills in young learners.

TECHNICAL SKILLS

- **Programming Languages & Databases:** HTML, CSS, JavaScript, TypeScript, PHP, C/C++, Java, Python, Node.js, SQL, MongoDB, Graphql Sass, XML, PUG, Blockchain(Solidity)
- **Libraries & Frameworks:** React, NextJs, NestJs Vue, NuxtJs, AngularJS, Laravel, Bootstrap, Tailwind CSS, WordPress, ExpressJs
- **Design & Prototyping:** Figma, Photoshop, Illustrator
- **Project Management:** Trello, Jira, ClickUp, GitHub, GitLab
- **Operating Systems:** Windows, Ubuntu, macOS, Linux

EDUCATION

Web Developer
2022 - Dec 2024
GPA 8.6

FPT Polytechnic College

#	CATEGORY	LOWEST --> LEVEL --> HIGHEST				YEARS OF USE	NOTE
		BEGINNER	INTER-MEDIA	GOOD	EXCELLENT/EXPERT		
A	**Programming/Scripting Languages**						
1	PHP			x		2,5 Years	
2	Javascript			x		3 Years	
3	TypeScript		x			2 Yaers	
4	C/C++	x					
5	Java	x					
6	Python	x					
7	Node		x			4 Month	
8	Solidity	x					
9	HTML				x	4 Years	
10	CSS				x	4 Years	
11	XML			x		5 Month	
12	PUG			x		5 Month	
B	**Libraries & Frameworks**						
1	React Js		x			7 Month	
2	Next Js		x			6 Month	
3	Vue Js			x		1,5 Years	
4	Nuxt Js			x		6 Months	
5	AngularJS		x			4 Months	
6	Laravel		x			8 Months	
7	Bootstrap				x	2 Months	
8	Tailwind				x	2 Months	
9	WordPress			x		1 Years	
10	Magento 2	x					
11	Nest Js	x					
12	Monorepo		x			4 Months	
13	Express JS		x			4 Months	
14	Ant Design		x			4 Months	
15	Element Plus			x		10 Months	
16	Framer Motion		x			4 Months	
17	Matine			x			
C	**Design & Prototyping**						
1	Figma			x		2 Years	
2	Photoshop		x				
3	Illustrator		x				

D		**Project Management**						
1	Trello				x		2 Years	
2	Jira				x			
3	ClickUp				x			
4	GitHub				x		3 Years	
5	GitLab				x			
E		**Operating Systems**						
1	Windows					x		
2	Ubuntu					x	6 Months	
3	macOS		x					
4	Kali Linux		x					
F		**Database**						
1	MySQL				x		2,5 Years	
2	MongoDB			x			6 Months	
3	GrapQL		x					
G		**Order**						
1	Aws		x					
2	Sever TrueNas		x					

PROJECT

GAME PORTAL <div align="right">Dec, 2024 - Jan, 2025</div>

Link github: https://github.com/NguyenThong251/game-nuxt

Role: Frontend Developer

Tech Stack: Nuxt.js, TypeScript, Laravel

- **Core Gameplay Development:** Designed and optimized core gameplay mechanics to ensure a smooth, engaging, and interactive user experience.
- **UI/UX Enhancement:** Built intuitive and responsive user interfaces, improving navigation, accessibility, and overall player satisfaction.
- **Multiplayer Integration:** Developed real-time multiplayer functionality, allowing seamless player interaction, collaboration, and competition.
- **Engagement & Retention Features:**
  - Implemented in-game rewards, leaderboards, and achievement systems to drive player motivation and long-term engagement.
  - Designed a balanced progression system to keep users engaged while maintaining fair competition.

Edunity - Online learning website
Oct, 2024 - Dec, 2024

Github/Domain: https://github.com/NguyenThong251/Edu.git - https://www.edunity.online/

Role: Project Owner/ Full-Stack Developer

Tech Stack: Laravel, Vue.js, TypeScript, TailwindCSS, Stripe, Python, Figma

- **Database & API:** Designed ERD models, built and optimized MySQL database, and developed RESTful APIs using Laravel.
- **Frontend Development:** Built a responsive and dynamic UI with Vue.js to support key functionalities:
  - Online learning system: Course creation, student & lecturer management, and real-time progress tracking.
  - E-commerce integration: Implemented Stripe for seamless purchases of courses and subscriptions.
  - AI-powered support: Integrated AI Recommendation System to suggest courses and content to students.
  - AI-enhanced assistance: Implemented Google Gemini AI to provide interactive learning support for students.
  - Messaging system: Developed real-time chat and notification features to enhance user engagement.
- **Deployment & Infrastructure:**
  - Backend: Deployed on a VPS server using TrueNAS for high availability and security.
  - Frontend: Hosted on Vercel for fast and scalable performance.

Order Food
Jun, 2024 - Aug, 2024

Github: https://github.com/NguyenThong251/Order-Food

Role: Full-Stack Developer

Tech Stack: Monorepo (Turborepo), Next.js, TypeScript, Mantine, TailwindCSS, MongoDB, Node.js, Framer Motion

Frontend Development:
- Designed responsive and intuitive UI/UX, ensuring a smooth and engaging user experience.
- Utilized Framer Motion to create fluid animations, enhancing interface interactivity and engagement.

Backend & Database:
- Developed a scalable backend with Node.js & MongoDB, optimizing data retrieval and management.
- Designed an efficient database schema to support real-time order processing.

Key Features & Functionality:
- Implemented a QR code-based food ordering system, allowing customers to scan a table code and place orders without needing an app download.
- Built an admin dashboard to manage orders, track sales, and streamline restaurant operations.
- Integrated a cart and checkout system for easy modifications and seamless payments.

Monorepo Architecture:
- Used Turborepo to efficiently manage multiple codebases within a single repository, enhancing scalability and maintainability.

Vue Shop
Mar, 2024 - May, 2024

Link github: https://github.com/NguyenThong251/laravel-vue

Role: Full-Stack Developer

Tech Stack: Laravel, Vue.js, Inertia.js, TailwindCSS, Stripe

Frontend Development:
- Designed and implemented a responsive, user-friendly UI using Vue.js & TailwindCSS, ensuring a smooth shopping experience.
- Built a single-page application (SPA) with Inertia.js to enable fast, API-driven page transitions without full reloads.

Backend & Database:
- Developed a scalable backend with Laravel, handling product management, user authentication, and order processing.
- Designed a relational database architecture to optimize product storage, customer data, and transactions.

Key Features & Functionality:
- ntegrated Stripe payments for secure and seamless checkout.
- Developed an intuitive shopping cart, wishlist, and order tracking system to enhance user engagement.
- Optimized API communication using Inertia.js, reducing latency and improving overall performance.

Performance & Security:
- mplemented authentication & authorization mechanisms to protect user data.
- Optimized database queries and caching strategies for faster load times and scalability.

GalaxyChess   Mar, 2024 - May, 2024

Domain: GalaxyChess.net

Role: Full-Stack Developer

Project Overview
- GalaxyChess.net is an online chess platform designed to provide players with a seamless experience for learning, competing, and participating in professional chess tournaments. The project focuses on developing a fully customized WordPress website to enhance branding, optimize marketing, and improve user engagement.

Theme & UI Development
- Custom WordPress Theme: Designed and developed a unique, branded theme tailored for chess enthusiasts.
- Responsive & User-Friendly Interface: Ensured an optimal user experience across all devices using WordPress's built-in features and custom styling.
- SEO Optimization: Implemented best SEO practices, including structured data, optimized metadata, and fast-loading pages to improve search engine ranking.

Custom Plugin Development & Functionality
- ournament Management Plugin: Developed a custom plugin to organize and manage online chess tournaments.
- User Ranking System: Implemented an ELO-based ranking system to track player performance and match history.
- Membership & Subscription System: Integrated a membership model for premium content access and exclusive tournament participation.
- Payment Integration: Enabled secure transactions using Stripe/PayPal for tournament fees, membership plans, and premium services.
- Performance Optimization: Improved page speed and database queries by implementing caching strategies and WordPress optimization techniques.

Marketing & Branding Strategy
- Content Marketing & Blogging: Created engaging blog content on chess strategies, tips, and tournament news to drive organic traffic.
- Email Marketing Automation: Set up automated email campaigns to keep users engaged and informed about upcoming events.
- Social Media & Community Growth: Integrated with Facebook, Twitter, and YouTube to expand the brand's online presence and engage with the chess community.