

Nguyen Tan Loc

Full-stack developer

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SUMMARY

Full-stack Developer and AI Engineer pursuing a Bachelor's degree in Information Technology at Hoa Sen University. With over 2 years of hands-on experience across web development and applied AI, I specialize in building LLM-powered conversational agents and full-stack platforms that turn AI capabilities into practical, user-facing features. At Mikademy, I developed Lulu, an AI agent that assists users in writing, improving, and evaluating CVs through natural conversation, and designed weapon and combat systems for a web-based RPG game. Proficient across modern web stacks (React, Next.js, Angular, Node.js, NestJS, Flutter) and AI tooling (LangChain, PyTorch, Claude, Ollama), I am driven to build scalable, user-centric products at the intersection of software engineering and artificial intelligence.

PROFESSIONAL EXPERIENCE

Full-stack developer

Mikademy

06/2024 – Present

Ho Chi Minh city,
Vietnam

- Worked across two internal products at Mikademy, contributing as both a Full-stack Developer and AI Engineer depending on project needs.
- **AI Engineer, FormCV** — Designed and developed Lulu, an LLM-powered conversational AI agent (JavaScript) integrated directly into FormCV's backend, enabling users to build and refine CVs through natural chat.
- Built AI-driven content generation and improvement features, helping users write clearer, more effective CV content in real time through conversation with Lulu.
- Implemented CV-job description matching logic, allowing Lulu to evaluate how well a user's CV aligns with a target job posting and suggest targeted improvements.
- **Game Developer, Landlords** — Designed and implemented weapon mechanics and combat systems using vanilla JavaScript, contributing to core gameplay logic and player experience.
- Collaborated cross-functionally with product and design teams to translate feature requirements into production-ready code.

EDUCATION

Bachelor of Information Technology

Hoa Sen university

10/2022 – 12/2026

Ho Chi Minh city,
VietNam

SKILLS

Programmings languages

Python, Javascript, Typescript

Frameworks & Libraries

Angular 21, ReactJS, NextJS, Swift, NestJS, NodeJS

Database stacks

Supabase, Firebase, MongoDB, PostgreSQL, MSSQL

AI technologies

Claude, PyTorch, Codex, Ollama, LangChain

PROJECTS

Landlords

Game developer

07/2026 – Present

- **Description:** Contributed to the design and development of a web-based RPG platform game as part of the PvP/PvE combat design team, focusing on weapon systems, 3D weapon assets, ability effects, and gameplay balance.
- **Techniques:** Vanilla JavaScript (built without a dedicated game engine), 3D weapon modeling, ability/skill VFX design
- **Key Features:**

- Designed a triangular weapon-counter system (Blade → Dagger → Bow → Blade), where each weapon type is tied to a corresponding character class and grants distinct base stat bonuses when equipped.
- Built a weapon upgrade and rarity system (Common → Rare → Epic → Legendary), where higher-rarity weapons unlock hidden stat bonuses and unique passive effects, upgradeable through in-game resource collection and crafting.
- Created 3D in-game weapon models and combat ability/skill VFX for each weapon type.
- Balanced PvP and PvE gameplay as part of the core combat design team.
- **Results:**
- Shipped 3 signature weapons (Blade, Dagger, Bow) in-game, each with a complete stat, upgrade, and rarity system, as the first version of the combat mechanic — built entirely in vanilla JavaScript without a game engine.
- Established a foundational damage and progression system that continues to be iterated on in future game updates.

FormCV - Intelligent CV builder platform

09/2025 – 06/2026

Fullstack developer

- **Description:** Developed a web platform for creating, customizing, and publishing professional CVs, with integrated AI-assisted features powered by the Lulu agent.
- **Techniques:** ReactJS, Node.js, Supabase
- **Key Features:**
- Built core CV creation and customization tools, allowing users to build and format professional CVs.
- Integrated the Lulu AI agent into the platform to provide real-time, AI-assisted content suggestions and CV evaluation.
- Enabled users to publish finalized CVs directly from the platform.
- **Results:**
- Delivered a complete CV-building platform combining manual editing tools with AI-assisted guidance.
- Provided users with an end-to-end experience from CV creation to AI-backed evaluation and publishing.

Lulu - CV builder agent

03/2026 – 05/2026

AI engineering

- **Description:** Built Lulu, a conversational AI agent integrated into FormCV that helps users write, improve, and evaluate CV content through natural chat.
- **Techniques:** JavaScript, LLM-based conversational AI, prompt engineering, integrated into FormCV's Node.js backend
- **Key Features:**
- Designed a chat-based interface allowing Lulu to guide users through CV content creation and suggest real-time improvements.
- Implemented CV–job description (JD) matching logic, enabling Lulu to evaluate how well a user's CV aligns with a target job and generate personalized feedback.
- Built prompt engineering and LLM orchestration logic to improve the accuracy and relevance of AI-generated suggestions.
- **Results:**
- Enabled users to create and refine CV content through natural, AI-guided conversation instead of manual editing alone.
- Improved CV–job alignment by giving users personalized, AI-driven suggestions before submission.

LANGUAGES

Aptis

CEFR: B2



COURSES

Flutter 101

ITSS training

03/2025 – 06/2025

Ho Chi Minh city,
Vietnam

Web Fullstack Development

ITSS training

01/2025 – 03/2025

Ho Chi Minh city,
Vietnam