

VAN TIEN NGUYEN

Full-Stack Software Engineer

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Software engineer with a strong foundation in full-stack development and a focus on building scalable, maintainable applications. Experienced in collaborating across teams to solve real-world problems with clean, and efficient code.

EXPERIENCE

Full-Stack Software Engineer – Freelancer, Paris *Nov 2024 – Present* (1 year)

- Designed, developed, and deployed a CRM solution using **Python, Django REST, React, TypeScript, PostgreSQL, Redis, Celery, AWS**, reducing manual processing by 60%.
- Automated advertising reports with **Python, Pandas**, reducing reporting time by 80%.
- Improved client workflows and operations, decreasing task completion time by 40%.

Full-Stack Software Engineer – Sqwad, Paris *Apr 2022 – May 2023* (1 year, 2 months)

- Built an e-commerce platform with **Python, Django REST, React, TypeScript, Redis, Celery, PostgreSQL, CI/CD, AWS**, boosting digital brand visibility by 50%.
- Contributed to Agile delivery, increasing sprint efficiency by 25%.
- Analysed user feedback to improve UX, reducing support tickets by 20%.

Software Engineer – Samsung R&D, Hanoi, Vietnam *Aug 2017 – Jan 2020* (2 years, 6 months)

- Developed internal applications with **Django REST, React, MySQL, Docker** for 100+ users, improving team productivity by 40%.
- Managed 10+ repositories, resolving 70% of technical issues for 50+ developers.

PROJECTS

Crosslink Application

- An application designed to enable collaboration between digital brands, helping expand their audience reach through cross-selling, upselling, and email widgets.
- **Django REST, React, TypeScript, PostgreSQL, Redis, Celery, CI/CD, AWS**.

AI for IT Service Management

- Extracted, analysed ticket data using Flesch-Kincaid metrics and build **LDA topic model**.
- Deployed with **FastAPI** and **Streamlit** on GitHub and Heroku.

EDUCATION

MSc Artificial Intelligence Systems – EPITA, Paris *2020 – 2021*

- Specialized in Machine Learning, Deep Learning, Reinforcement Learning, Computer Vision, NLP, and Data Science.
- First place in Python Learning Week and Action Learning Week competitions.

BSc Software Engineering – Hanoi University of Science and Technology *2012 – 2017*

- Background in Mathematics, Physics, and Linguistics with strong programming expertise and excellent soft skills for professional collaboration.
- Hands-on experience with the practices for high-quality software delivery.

SKILLS

Programming: Python, Django REST, React, TypeScript, Celery

Databases: PostgreSQL, MySQL, MongoDB, Redis

Tools: Git, Docker, CI/CD, AWS

LANGUAGES

Vietnamese (Native) — English (Advanced) — French (Upper-Intermediate)