



VAN TIEN NGUYEN

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, efficient code. Proven track record of delivering features that improve performance and business outcomes.

Skills

Programming: Python, Django REST, React, Typescript, Celery.

Databases: SQL(MySQL, Postgres), NoSQL(MongoDB), Redis.

Development: Git, Docker, CI/CD, Aws.

Languages

- English: Advanced
- French: Upper intermediate



Work experience

SOFTWARE ENGINEER

Nov 2024 - Present (7 months)

Freelancer - France

- Designed, developed, and deployed a CRM web application using **Python, Django REST, React, TypeScript, PostgreSQL, Redis, AWS, Celery, and Git**, reducing manual processing time by over 60%.
- Extracted and processed advertising data from multiple digital advertising platforms using **Python, Pandas** to generate automated reports, cutting reporting time by 80%.
- Collaborated with clients to design workflows and optimize operations, resulting in a 40% reduction in task completion time and improved overall process efficiency.

SOFTWARE ENGINEER

Apr 2022 - May 2023 (1 year and 2 months)

Squad - Paris, France

- Architected and implemented an e-commerce application using **Python, Django REST, React, TypeScript, Redis, Celery, PostgreSQL, AWS, and CI/CD**, helping digital brands boost their visibility by 50%.
- Applied **Agile Scrum** methodology and managed the technical team, increasing sprint delivery efficiency by 25% and improving on-time project completion rates.
- Partnered with the support team to collect user feedback, driving application enhancements that boosted user satisfaction and decreased support tickets by 20%.

SOFTWARE ENGINEER

Aug 2017 - Jan 2020 (2 years and 6 months)

Samsung Vietnam R&D Center – Hanoi, Vietnam

- Developed web applications for managing team activities using **Python (Django REST), React, MySQL, Docker** for 100+ users, increasing productivity by 40%.
- Managed 10+ Git repositories, resolved 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.
- Python, Django REST, React, Typescript, PostgreSQL, Redis, Celery, CI/CD, AWS.**

Application of AI on IT Service Management

- Extracted, preprocessed ticket data to analyze their quality using Flesch Kincaid readability metrics. Built an **LDA model** to categorize tickets based on topics.
- Deployed the application using **FastAPI** and **Streamlit** on **GitHub** and **Heroku**.



Education

MSC IN ARTIFICIAL INTELLIGENCE SYSTEMS

Sep 2020 - Jul 2021

EPITA - Paris

- Specialized in AI topics, Machine Learning, Deep Learning, Reinforcement Learning, Computer Vision, Natural Language Processing, Data Science.
- Won first place in Python Learning Week and Action Learning Week competitions, showcasing exceptional skills in algorithmic challenges and practical applications.

DEGREE IN SOFTWARE ENGINEERING

Sep 2012 - May 2017

Hanoi university of science and technology - Hanoi, Vietnam

- 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.