



VAN TIEN NGUYEN

Software Engineer

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Objective

Detail-oriented software engineer passionate about crafting robust applications and innovative solutions. Leveraging strong technical expertise and a collaborative approach, I aim to drive technological innovation and deliver software products that make a significant impact.

Skills

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

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

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

Interests

- Travelling and exploring culture
- Cooking, playing the piano



Work experience

SOFTWARE ENGINEER

Sep 2024 - Present (9 months)

Freelancer - France

- Designed, programmed and deployed CRM a web application with **Python, Django REST, React, Typescript, PostgresQL, Redis, AWS, Celery**.
- Extracted, processed advertising data from Google, TikTok, Meta, and YouTube platforms using **Python and Pandas** to generate automated Excel reports for performance analysis.
- Engaged directly with clients to design customized workflows and streamline operations.

SOFTWARE ENGINEER

Apr 2022 - May 2023 (1 year and 1 month)

Squad - Paris, France

- Architected and implemented a full-stack e-commerce application using **Python, Django REST, React, Typescript, Celery**, and **PostgreSQL**.
- Integrated pipeline **CI/CD** and deployed applications in **AWS** Applied Agile Scrum methodologies; managed stand-up meetings and reviewed pull requests.
- Partnered with the support team to gather feedback and enhance the application, ensured alignment with market needs and user expectations.

SOFTWARE ENGINEER

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

Samsung Vietnam R&D Center – Hanoi, Vietnam

- Collaborated with the Korean team to develop web application systems and software products using tools such as **Github, React, Python, Django**, and **Docker**.
- Managed Unix servers, Github, and support users.



Projects

Crosslink Application

- Developed an application to facilitate collaboration between digital brands to expand their audience reach through cross-selling, upselling, and email widgets.
- Utilized **AWS ECR, ECS, CI/CD, Python, Django REST, PostgreSQL, GraphQL, Celery, Redis, Reactjs**, and **Typescript**

Application of AI on IT Service Management

- Extracted and preprocessed ticket data to analyze their quality using Flesch Kincaid readability. Built an **LDA** model with **Spacy** 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, Machine Learning, Deep Learning, Reinforcement Learning, Computer Vision, Natural Language Processing, and Data Science in production.
- Won first place in Python Learning Week and Action Learning Week competitions, showcasing exceptional skills in algorithmic challenges and practical applications

BACHELOR DEGREE IN SOFTWARE ENGINEERING

Sep 2012 - May 2017

Hanoi university of science and technology - Hanoi, Vietnam

- Highly skilled in Mathematics, Physics, and Linguistics with strong programming expertise and excellent soft skills for professional collaboration.
- Adhered to rigorous processes for delivering high-quality software.