

TRAN THANH NHAN

Senior Full-stack Engineer - Python/Django/Angular/TypeScript

Vietnam • UTC+7 • Open to international remote work

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PROFESSIONAL SUMMARY

Full-stack software engineer with 6.5 years of experience building production systems across frontend, backend, cloud services, and external integrations. Strong expertise in Python/Django, Angular/TypeScript, with a focus on reliability, performance, and maintainability. Experience owning authentication across distributed services, asynchronous image-processing workflows, and integrations with Shopify and five affiliate providers.

CORE SKILLS

- **Languages:** Python, JavaScript, TypeScript, SQL
 - **Tech stack:** Django, Angular, React, REST APIs, Celery, Postgres/MySQL, AI coding agent
 - **Clouds & DevOps:** AWS, Docker
 - **Engineering:** system integration, distributed workflows, asynchronous processing
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WORK EXPERIENCE

NetVirta Pte. Ltd – Singapore

Jan 2022 – Jul 2026

Software Engineer (Full Stack)

- Owned authentication and account-management workflows across authentication, regional resource, and social services, integrating SMS/email OTP and external identity providers around a shared application identity.
- Built a multi-stage clothing-image processing workflow with per-stage status, retries, idempotency checks, and transaction handling; made processing progress visible to mobile users and administrators through Django admin.
- Integrated transaction tracking from five affiliate providers into a common data model, using Celery Beat for five-minute polling and weekly reconciliation to detect missed transactions.
- Built asynchronous Shopify catalog synchronization with GraphQL and Celery, handling merchant access, validation, retries, and handoff to an existing transformation pipeline.
- Reworked media-heavy API responses to batch S3 URL-signing work through a Go service with parallel processing; made the approach reusable across endpoints.
- Enabled communication between a JavaScript SDK embedded on client websites and an iframe application using postMessage; built reusable responsive layouts and configuration-driven product graphics.
- Tech stack: **Angular, Django, Celery, AI Agent, AWS, MySQL, Postgres, Docker, Git.**

Trusting Social – Ho Chi Minh City, Vietnam

Jul 2021 – Dec 2021

Software Engineer

- Developed, tested RESTful APIs for the customer onboarding flow of a financial mobile app.
- Collaborated within a 3-member backend team to deliver secure and reliable services.
- Tech stack: **Go, React, Postgres, Docker, Git.**

FPT Software – Ho Chi Minh City, Vietnam

Feb 2020 – Jun 2021

Software Engineer

- Developed responsive, multilingual web applications using Angular.
- Built backend RESTful APIs and unit tests to ensure code quality.
- Collaborated with distributed teams across India, Germany, and China.
- Projects: *Manufacturer Insight Application, Digitalization of Construction Management.*
- Tech stack: **Angular, TypeScript, JavaScript, Java Spring Boot, MySQL, Docker, Git.**

EDUCATION

FPT University – Ho Chi Minh City, Vietnam

Sep 2016 – Dec 2019

Bachelor of Software Engineering

- GPA: **8.3/10**
 - Awarded Excellent Student for three consecutive semesters.
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PROJECTS

VCS Badminton Admin – Personal project

Jan 2025 – Apr 2025

- Built an admin portal with automated workflows to manage badminton booking courts.
- Tech stack: **Angular**, Google Apps Script, Google Forms, Google Sheets, Telegram API.

GreenHuman.com.vn – Landing page

Oct 2024 – Dec 2024

- Business landing page for a human resource provider firm.
- Tech stack: NextJS, Tailwind, CloudFlare.