Tran Xuan Phong

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PROFILE

I am an energetic Software Engineer adept in bringing expertise in design, development, and maintenance of software systems. Proficient in various frameworks like Next.js, Spring, Echo, and tools like Docker, Linux. I am aiming to grow into a Software Architect, focusing on building scalable, maintainable, and high-quality systems.

EDUCATION

University of Engineering and Technology - Vietnam National University

Bachelor of Computer Science - GPA: 3.45   *Sep, 2023 - Present*

ACHIEVEMENTS

UET Campathon 2025   Aug 2025
- *Received the **Potential AI Award***
- Achieved **2nd Prize** in the competition

PROJECTS

Shopiew | *Microservices E-commerce System*   July 2025 – Present

- Built a microservices E-commerce System inspired by Tiki, Shopify, and Shopee, focusing on scalability and fault tolerance
- Applied **closure table anti-pattern** in product categories design
- Developed microservices backend using **Spring** and **Go Echo** with REST and gRPC communication
- Integrated **Envoy Gateway** and **OPA (Open Policy Agent)** for authentication, authorization, and request routing
- Currently using **K8s (Minikube)** for microservices deployment, **Turborepo** for multi-app in one repo development
- The project structure is organized close to the clean architecture principles.
- Designed project as a learning environment to explore microservices, distributed systems, and advanced software engineering practices

  Frontend:
  - Tech stack: Nextjs, Zustand, Shadcn/ui, Vuejs, Pinia, Tailwindcss
  - Repo: github.com/TranXuanPhong25/shopiew

  Backend:
  - Tech stack: Spring, Echo, Envoy, OPA
  - Repo: github.com/TranXuanPhong25/ecom

  Storage: PostgreSql, Redis, MinIO

TECHNICAL SKILLS

Languages: Java, C/C++, TypeScript, Go
Frameworks: Nextjs, Spring, Echo
Developer Tools: Linux, Git, Docker
Others : Azure, AWS, K8S (Minikube)