Nguyen Van Duc

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EDUCATION

- **Hanoi University of Science and Technology** — Hanoi, VN
  B.S. Automotive Technology — *Sep. 2014 – Sep. 2019*

EXPERIENCE

- **NTQ Solution JSC** — Hanoi, VN
  Software Engineer — *May 2020 - Jul 2021*
  - **Sayang**: Sayang is a food grocer centered e-commerce company in Singapore. The client wants to improve how market consumes food groceries by catering a platform to connect buyers and sellers within a community.
    - Responsible: Developing APIs for mobile app + admin site
    - Frameworks/Libs: Entgo + Postgres + GraphQL + Grpc + Protobuf + Rabbitmq + K8s
    - Languages: Golang + ReactJS + ReactNative
  - **Honey Rain**: Honey Rain is a mobile app for Vietnamese and Cambodian farmers from 20 to 40 years old. The App provides various information about agriculture, weather forecast and automatically alerts users 1 -2 hours in advance if it is going to rain.
    - Responsible: Python API for weather forecasting
    - Frameworks/Libs: Flask + OpenCV
    - Languages: Python
  - **Onda**: A Luxury Fashion Ecommerce Platform.
    - Responsible: Developing APIs for mobile app + admin site; developing admin site using ReactJS
    - Frameworks/Libs: NestJS + TypeORM + Postgres + GraphQL + ReactJS + ReactNative
    - Languages: Typescript
  - **Lili.style**: An Ecommerce App that crawls famous store products in a country, it has its own recommendation system, if you want your products showed on the top you have to pay to Lili.
    - Responsible: Working with crawler using cheeriojs + fusejs; developing APIs for mobile app + admin site; fixed recommendation rules can adjust from admin site; developing admin site using ReactJS
    - Frameworks/Libs: NestJS + TypeORM + Postgres + GraphQL + ReactJS + ReactNative
    - Languages: Typescript

- **FinX.group** — Hanoi, VN
  AI developer — *Oct 2019 - Feb 2020*
  - **Face Verification**: Compare face on IDCard with face of person hoding IDCard.
  - **Document Verification**: Verify documents uploaded by user is valid or not.
  - **Read Capcha**: Solve simple captcha.
  - Frameworks/Libs: OpenCV, Mxnet, Tensorflow, Keras, Docker.
  - Languages: Python, Go.

LIBRARIES/FRAMEWORKS

- **Backend**: NestJS + Postgres + TypeORM + GraphQL.
- **Frontend**: ReactJS + GraphQL.
- **Testing**: Jest.
- **DevOps**: Docker, basic k8s + eksctl (EKS, EC2), basic Nginx, basic gitlab runner(github actions).
- **Dev tools**: Vscode + git + insomnia
- **Os**: Debian, Arch

LANGUAGES

- **English**: Professional working proficiency.
- **Vietnamese**: Native.