

# Ngô Ngọc Đức Huy

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## Basic info

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### E-Mail

[huyngo@disroot.org](mailto:huyngo@disroot.org)

### Location

Hà Nội, Việt Nam

### Phone

(available upon request)

### Projects

<https://git.sr.ht/~huyngo>

<https://github.com/Huy-Ngo>

### Personal website

<https://xrvs.net/>

## Languages

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- Vietnamese (native)
- English (proficient)
- French (basic)

## Skills

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### Programming

- **Python**: experienced with various frameworks
- **HTML**: knows well
- **CSS, JS**: can work with
- **Bash**: frequent use
- **Go**: basic, learning
- **Elixir**: basic, learning
- **VCS**: git, mercurial (basic)

### System operations

- **Linux**: experienced with various distros
- **Other OSs**: worked with Windows, OpenBSD
- **Cloud**: worked with AWS
- **Web server**: nginx
- **Build tools**: flit, nix
- **CI/CD**: Gitlab CI, GH Actions, sourchut builds, luminar
- **DBMS**: MariaDB, Postgresql
- **NoSQL**: Redis, MongoDB, RethinkDB
- **Containerization**: docker, k8s (basic)

## Education

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- 2018 – 2021: Bachelor degree at [University of Science and Technology of Hanoi \(USTH\)](#) in ICT

## Work experience

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- 2023 – 2024: Software Engineer at [EasyGDS](#) (Remote)
  - Responsibilities:
    - Implement and deploy microservices
    - Fix bugs
  - Domain: e-commerce
  - Technologies: Python, Flask, FastAPI, PostgreSQL, Kubernetes
- 2021 – 2023: Software Engineer at [CMC Global](#)
  - Responsibilities:
    - Software development: clarifying requirements, fixing issues, implementing backend
    - Team cooperation: allocating tasks, reviewing code, mentoring and training new members
  - Domain: data-driven software
  - Technologies: Python/Django, Celery, MySQL, Redis, AWS, React JS
- 2021: Intern at [Bizfly Cloud](#)
  - Responsibilities: research and development
  - Domain: web mail service and related modules
  - Technologies: Python/Flask, Elasticsearch

## Projects

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### Development

- written in Python:
  - [memedes](#) meme templating service with image description
  - [witchie](#) (forked project): CLI / TUI client for Akkoma
  - [acanban](#): kanban board project management for school projects
  - [palace](#): wrapper library for 3D audio processing
- [ex.tra](#): experimental dictionary server in Elixir
- [static-status](#) service status tracker

### Contributions

- [nixpkgs](#): Software packages for NixOS
- [akkoma](#): Independent federated social media (frontend fixes)
- [sanic framework](#): A performant asynchronous Python web framework

### Others

- [loang.net](#) (co-sysadmin): shared NixOS server
- [IPWHL](#) (co-maintainer): alternative Python packaging backed by IPFS, a p2p file system