

# Ngô Ngọc Đức Huy

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## Basic info

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### Position

Back-end developer

### E-Mail

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

### Location

Hà Nội, Việt Nam  
(prefer remote work)

### 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 Languages

[Python](#) [Bash](#) [JavaScript](#)

### Frameworks

[Django](#) [Flask](#)

### Interests

Web services  
Software development

### Systems

\*Linux, OpenBSD

### Databases

Generic SQL  
NoSQL: Redis, RethinkDB

## Contributions

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- badwolf (localization)
- nixpkgs (packaging)
- akkoma (bug fixes)

## Education

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- 2018-09 – 2021-09: Bachelor degree at [University of Science and Technology of Hanoi \(USTH\)](#)  
(<https://usth.edu.vn>) in Information and Communication Technology, funded by USTH scholarship

## Work experience

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- 2021-11 – 2023-04: Software Engineer at [CMC Global](#)
  - Responsibilities:
    - Software development: clarifying requirements, investigating and 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
- 2021-04 – 2021-07: Intern at [Bizfly Cloud](#)
  - Responsibilities: research and development
  - Domain: web mail service and related modules
  - Technologies: Python/Flask, Elasticsearch

## Other projects

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- 2023-03 – present: Develop [ex.tra](#)  
An experimental dictionary server implementing DICT protocol (RFC 2229).
  - Technologies: Elixir, Erlang OTP
- 2021-07 – 2022-07: Co-maintaining [IPWHL](#)  
Singly-versioned Python built distributions backed by IPFS.
  - Responsibilities: packaging software and release
  - Technologies: Python, IPFS, shell scripts
- 2020-11 – 2021-03: Developing [acanban](#)  
An experimental kanban-based project management system in academic context
  - Responsibilities: system design, backend implementation, testing, packaging
  - Technologies: Python, Quart framework, Hypercorn, systemd
- 2019-12 – 2020-10: Developing [palace](#)  
Palace is a 3D audio processing library in Python
  - Responsibilities: implementation, packaging and release
  - Technologies: Python, Cython