

# Bùi Thành Nhân

I'm a software engineer specialized in web development with a strong focus on the backend. I also develop various types of open source software as a hobby.

- Professional experience: Git, Python, JavaScript, HTML, CSS, PostgreSQL, Django, Django REST Framework, Docker, ReactJS, AWS, GCP, Ansible, Kafka, Redis, REST APIs, GitHub, GitLab, GitLab CI, Datadog, Sentry.
- Casual experience (through hobby projects): Go, Tcl/Tk, Tkinter, SQLite, Flask, GitHub Actions, SourceHut, cross-platform GUI programming, local IPC, socket programming, static site generators, shell scripts, amateur woodworking.

Year of birth: 1993  
Location: HCMC, Vietnam  
Blog: <https://hi.imnhan.com>  
Email: [hi@imnhan.com](mailto:hi@imnhan.com)  
FOSS: <https://github.com/nhanb>  
Web version: <https://cv.imnhan.com>  
PDF version: [BuiThanhNhan.pdf](#)

## EXPERIENCE

### Inspectorio

#### *Senior Backend Engineer (2021–2023)*

- Developed backend for a B2B SaaS product that streamlines the physical goods inspection workflow.
- Performed rigorous code review.
- Took part in squad's quarterly high level estimation.
- Wrote official "getting started" guide for new backend engineers.
- Technologies: **Django REST Framework**, **Postgres**, **Docker**, **Google Cloud Platform**.

### Parcel Perform

#### *Senior Backend Engineer (2018–2020)*

- Worked on backend for:
  - [parcelperform.com](#) & [parcelmonitor.com](#): a set of microservices that make up a suite of parcel tracking utilities for businesses. Relies heavily on kafka message queues and docker containers.
  - [lockeralliance.net](#): Singapore's federated smart locker system which provides a single consistent interface for locker operators and logistics service providers to interoperate.
- Technologies: **Django REST Framework**, **Postgres**, **Docker**, **AWS**.

### East Agile

#### *Senior Software Developer (2016–2018)*

- Maintained backend and single-page-app frontend for the Citizen Police Data Project ([cpdp.co](#)), a highly interactive visualization of an extensive Chicago police misconduct database.
- Technologies: **React/Redux**, **Django REST Framework**, **Ansible**.

### Cogini

#### *Web Developer (2014–2015)*

- Developed web apps and implemented server-side API for mobile apps using Warp: an in-house web microframework based on Twisted. Did configuration management using Chef.
- Technologies: **Python**, **Postgres**, **nginx**, **JavaScript**, **Chef**

## QUALIFICATIONS

### RMIT International University Vietnam

#### *Bachelor of Information Technology (2011–2014)*

- GPA: **3.2/4**
- IT Club Vice President

### IELTS Academic

#### *Overall score: **8.5/9** (2012)*

- Listening: 9
- Reading: 9
- Speaking: 7.5
- Writing: 7.5
- Featured on British Council's [website](#) ([archive](#))

## MISCELLANEOUS

- Source code: <https://github.com/nhanb/cv.imnhan.com/>
- References available upon request

## OPEN SOURCE PROJECTS

### GORTS

- Scoreboard overlay controller for fighting game streams. An earlier version of it was successfully used for [Saigon Cup streams](#) for multiple years that peaked at 22k concurrent viewers including restreams in Japanese & Mandarin.
- Technologies: **Tcl/Tk**, **Go** (previously **Python** & **Tkinter**)

### McRoss browser

- A minimalistic, cross-platform desktop GUI browser for the Gemini protocol
- Technologies: **Python**, **Tkinter**, **socket programming**

### Pytaku

- A self-hosted web-based manga reader
- Technologies: **Python**, **JavaScript**, **Flask**, **MithrilJS**, **SQLite**