

# 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, ReactJS, Docker, AWS, GCP, Chef, Ansible, Kafka, Redis, REST APIs, GitHub, GitLab, Datadog, Sentry.
- Casual experience (through hobby projects): Go, Tcl/Tk, Tkinter, MithrilJS, SQLite, Flask, Nim, QML, SourceHut, cross-platform GUI programming, local IPC, socket programming, 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](#)  
References available upon request

## EXPERIENCE

### Inspectorio

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

- Developed backend for a B2B SaaS product that streamlines the physical goods inspection pipeline
- Technologies: **Django REST Framework, Postgres, Docker, Google Cloud Platform**

### Parcel Perform

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

- Developed 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)*

- Developed 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 implement server-side API for mobile apps using Warp: an in-house web microframework based on Twisted. Managed deployment to development/production servers using Chef.
- Technologies: **Python, Postgres, nginx, JavaScript, Chef**

## OPEN SOURCE SOFTWARE

### Pytaku

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

### GORTS

- A simple 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** (earlier version used **Python & Tkinter**)

### McRoss browser

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

## 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** (2012)*

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