

# 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, Azure, 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, Nginx, Caddy, systemd, Makefiles, cross-platform desktop GUI programming, socket programming, static site generators, shell scripting, amateur woodworking.

Year of birth: 1993  
Gender: Male  
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FOSS: <https://github.com/nhanb>  
Web version: <https://cv.imnhan.com>  
PDF version: [BuiThanhNhan.pdf](#)

## EXPERIENCE

### MODEC

#### *Senior Backend Engineer (10/2023 – Current)*

- Developed backend for an internal web-based human resources management system for FPSO vessel construction projects.
- Collaborated closely with PO to develop features, which involved architectural decisions and effort estimation.
- Wrote internal developer tooling to aid in selective feature rollouts.
- Technologies: **Django REST Framework, Postgres, Docker, Microsoft Azure Cloud.**

### Inspectorio

#### *Senior Backend Engineer (02/2021 – 01/2023)*

- Developed backend for a B2B SaaS product that streamlines the physical goods inspection workflow.
- Performed rigorous code review.
- Performed feature estimation for cycle and sprint planning.
- Mentored more junior engineers via code review, pair programming and coaching on topics like Git workflows.
- Wrote internal getting-started guide for onboarding Backend Engineers.
- Technologies: **Django REST Framework, Postgres, Docker, Google Cloud Platform.**

### Parcel Perform

#### *Senior Backend Engineer (02/2018 – 03/2020)*

- 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 (06/2016 – 01/2018)*

- 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.
- Performed pair programming and applied rigorous Test-Driven Development.
- Technologies: **React/Redux, Django REST Framework, Ansible.**

### Cogini

#### *Web Developer (02/2014 – 04/2015)*

- Developed web apps and implemented server-side API for mobile apps.
- Maintained configuration management using Chef.
- Technologies: **Python, Postgres, nginx, JavaScript, Chef**

## OPEN SOURCE PROJECTS

### Pytaku

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

### McRoss browser

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

### s4g

- Flexible static site generator that powers my own blog
- Technologies: **Go, JavaScript**

### GORTS

- Scoreboard overlay controller for fighting game streams. An earlier version of it was successfully used for [Saigon Cup streams](#)

## QUALIFICATIONS

### RMIT International University Vietnam

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

- GPA: 3.2/4
- Full scholarship
- 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: <https://github.com/nhanb/cv.imnhan.com/>
- References available upon request