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

Year of birth: 1993
Gender: Male
Location: HCMC, Vietnam
Blog: https://hi.imnhan.com
Email: 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.
- Performed feature estimation for cycle and sprint planning.
- Mentored more junior 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.
- Performed pair programming and applied rigorous Test-Driven Development.
- Technologies: **React/Redux**, **Django REST Framework**, **Ansible**.

Cogini
Web Developer (2014–2015)
- 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 for multiple years that peaked at 22k concurrent viewers including restreams in Japanese & Mandarin.
- Technologies: **Go**, **Tcl/Tk** (previously **Python**, **Tkinter**)

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: https://github.com/nhanb/cv.imnhan.com/
- References available upon request