

Nguyen Huy Thanh

<https://nguyenhuythanh.com/resume.pdf>

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EXPERIENCE

- Wombat Exchange** Software Engineer, Analytics Engineer
Remote, Hongkong SAR 7/2023 – Now
 - EVM Data Indexing:** Maintained and deployed subgraphs for 3+ EVM chains, which handled 1M+ events. The subgraphs served Wombat Analytics page, which has nearly 250K monthly requests. Optimized Wombat Analytics page's loading time from 10+ seconds to 1 second.
Technologies used: TypeScript, AssemblyScript, NextJS, Subgraph.
 - EVM Data Analytics:** Implemented 30+ Dune queries and graphs and dashboards, which reduced marketing team's manual data calculation time by 90%.
Technologies used: DuneSQL, Dune.
- Xantus** Software Engineer, Data Engineer
Le Van Luong, Thanh Xuan, Hanoi 10/2021 – 12/2022
 - EVM Data Indexing:** Designed, implemented, deployed Events Synchronization services for 10+ EVM-compatible Smart Contracts on 3+ chains. The services handled 100k+ events, provided on-chain data for 3+ projects (Mones, Gunfire Avax, and Oxalus NFT Aggregator). Optimized Block Time Querying Service's loading time from 15+ seconds to less than 3 seconds.
Technologies used: Golang, TypeScript, go-ethereum, web3js, Apache Kafka.
- Teko Vietnam** Software Engineer
Hoang Cau, Dong Da, Hanoi 4/2021 – 1/2022
 - Master Product Data:** Designed, implemented, and deployed data pipelines, data models, and REST API of Product Matching Service which handled 10k+ products.
Technologies used: Python, Golang, FastAPI, underthesea.
- AI Academy Vietnam** Software Engineer, System Engineer
Hoang Quoc Viet, Nghia Tan, Hanoi 6/2019 – 8/2020
 - Scheduled News Aggregation:** Designed, implemented, and deployed Data Aggregating (crawling) Service for 50+ news sources.
Technologies used: Python, RabbitMQ, APScheduler, pika.
 - Time Series Prediction:** Designed, implemented, and deployed configurable Prediction Service that can leverage 20+ prediction models.
Technologies used: Python, sklearn, statsmodels.

EDUCATION & CERTIFICATION

- Le Quy Don Technical University** Engineer, Software Engineering
Hoang Quoc Viet, Nghia Tan, Hanoi 6/2016 – 6/2021
 - GPA:** 3.13
 - Specialized Individuals Informatics Olympiad 2017:** Second Prize
 - Super Cup Informatics Olympiad 2018:** Third Prize
- IELTS issued by British Council** Academic Module
Tay Ho, Hanoi 2/2023
 - Overall:** 7.5
 - TRF Number:** 22VN027313NGUH002A

SIDE PROJECTS

- Crypta:** Offline-first code snippet manager using SvelteJS. Deployed at: <https://thanhnguyen2187.github.io/crypta>.
- CamLisp:** Simple Lisp/Scheme interpreter in OCaml. Source at: <https://github.com/thanhnguyen2187/camlisp>.
- Phoenix:** Declarative machine configuration in NixOS. Source at: <https://github.com/thanhnguyen2187/.phoenix>.

SKILLS & INTERESTS

- Skills:** Python; JavaScript/TypeScript; Golang; Vim; tmux.
- Interests:** fantasy novels; challenging videogames; playing the guitar and singing along.