

Nguyen Huy Thanh

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

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EXPERIENCE

- **Wombat Exchange** Software Engineer
Remote, Hongkong SAR 7/2023 – Now
 - **EVM Data Indexing:** Maintained and deployed subgraphs for 3+ EVM chains, which handled more than 300,000 events. The subgraphs served Wombat Analytics page, which has nearly 250,000 monthly requests. Optimized Wombat Analytics page's loading time from 10+ seconds to 1 second.Technologies used: Subgraph, AssemblyScript, TypeScript, NextJS, Vercel.
 - **Xantus** Software Engineer
Le Van Luong, Thanh Xuan, Hanoi 10/2021 – 12/2022
 - **EVM Data Indexing:** Designed, implemented, deployed, and optimized Events Synchronization services for 10+ EVM-compatible Smart Contracts on 3+ chains. The services provide on-chain data for 3+ projects (Mones, Gunfire Avax, and Oxalus NFT Aggregator).Technologies used: Apache Kafka, TypeScript, web3js, Golang, go-ethereum.
 - **Teko Vietnam** Software Engineer, Data Platform 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 for 10k+ products.Technologies used: Python, Golang, FastAPI, underthesea.
 - **Real-time Analytics Storage Layer:** Tested, deployed, and operated Apache Druid as the storage layer for real-time analytics for 1m+ events.
- Technologies used: Google Cloud, Kubernetes, Docker, Apache Druid, Apache Kafka, GitLab CI.
- **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) for 50+ news sources.Technologies used: Python, RabbitMQ, APScheduler, pika.
- **Time Series Prediction:** Designed, implemented, and deployed configurable Prediction service that can use 10+ 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:** An offline-first code snippet manager. Deployed at: <https://thanhnguyen2187.github.io/crypta>.
- **Darkest Savior:** A low-level Golang library and CLI tool to convert Darkest Dungeon's proprietary save format to JSON and vice versa. Source at: <https://github.com/thanhnguyen2187/darkest-savior>.
- **CamLisp:** A simple Lisp/Scheme interpreter in OCaml. Source at: <https://github.com/thanhnguyen2187/camlisp>.

SKILLS & INTERESTS

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