



NGUYỄN THÀNH ĐẠT

Senior Software Engineer



Eager to learn new skills, solve complex technical problems to provide users with useful features. Friendly with every one.

Contact information



June 4 1996



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HCM, Vietnam

Skills

• Language

- Golang
- Rust
- Javascript/TypeScript
- SQL/ plpgsql
- HTML/CSS /SCSS

• Technology

- ReactJS / Redux
- RestAPI/GRPC
- Postgres/MongoDB
- Linux/vim

Interests

I like book, movie, music..

Education

• Major: Computer Science

HCM University of Science | Oct 2016-May 2020

Work experience

• Blockchain engineer

ShareRing digital Identity | September 2022-Present

- Developed a smart contract application using ReactJS, Axum-Rust, NFT smart contract, IPFS, and OpenAI API for generating dynamic avatars for the blockchain.
- Created a Cosmos module for customizing fee distribution among developers, contract creators, and validators.
- Rewrote the swap-relayer service, reducing its size by 30%, and added new features such as monitoring and a notification system for issue identification and resolution.
- Deployed a customized version of the Ethereum testnet, set up a keyring for signing transactions, and integrated IBC for communication with other blockchains.
- Assisted in training new blockchain developers, provided guidance on best practices, and fixed problems that arose during blockchain operation.

• Backend engineer

Cake digital banking | June 2021-September 2022

- Implement banking services in using microservices architect
- Loan onboarding, credit card onboarding, link Cake to BE...
- Add tracing using opentelemetry
- Write code with unittest (mockery/testify), tracing (Google cloud trace), metrics (prometheus).
- Configure kubernetes, docker build
- Message broker for async communication (google pubsub)

- Use grpc, protobuf with http interceptor, validator interceptor...
- Intergrate with 3rd party, generate e-contract
- Desgin DB, draw diagram, Open API with Swagger

- **Front-end developer**

SPHACY | Jun 2020-Jun 2021

- Build front-end web application with ReactJS, Bootstrap, Redux, Sass...
- Front-end form validation with formik
- Responsive design: media query, rem, flex box, grid
- Generate pdf, excel report, print bill ...
- Write postgres store procedure
- Rewrite backend with Go Gin from PHP

- **System admin fresher**

VNG Coop | Dec 2019-Jun 2020

- Manage webserver: Apache, Nginx
- Setup master-slave Mysql DB
- Monitor server resources
- Automate repetitive tasks with bash script

- **Internship**

IBL Infinity Blockchain Lab | Jun 2018-Dec 2019

- Research about Blockchain technology: Distributed system, consensus algorithm, cryptography...
- Write Ethereum smart contract (Solidity), write hyperledger sawtooth transaction processor (Golang)
- Use web3JS to interact with ETH smart contract, metamask