



# NGUYỄN THÀNH ĐẠT

Software Engineer



Passionate about continuously learning and mastering new technologies

## Contact information



June 4 1996



datnt3696@gmail.com



0375837236



<https://nguyenthanhdat.bio/>



HCM, Vietnam

## Skills

### • Language

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

### • Technology

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

## Work experience

### • Blockchain engineer

ShareRing digital Identity | September 2022 - October 2023

- 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...
- Integrate with 3rd party, generate e-contract
- Design 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 Corp | Dec 2019-Jun 2020**

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