Nguyen Anh Tai

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Career Objective

With 3 years of institutional practice focused on the application domain, and less than a year in the software industry, I've done many web projects and honed skills in Scrum, test coverage estimation, and integrating UI components following Clean Code and SOLID principles. My goal is to become a Senior Full-stack Developer within the next 3-4 years.

Technical/Soft Skills

Front-end: React, Flutter, Vite, NextJS, TailwindCSS, Vanilla HTML/CSS/Javascript, TypeScript.
Back-end: .Net, Laravel, ExpressJS, NestJS (TypeScript), Postgres, MySQL, Firebase.
Web3: Rust, Substrate SDK, Solidity.
Soft Skill: Conversational English, High adaptability, Self-learning, Self-awareness
Other: Agile Methodologies (Scrum), Linux (Kali, Ubuntu), Source Control (GitHub), Design (Figma, Canva)

Education/Certificate

University Information Technology - GPA: 3.5   **09 2020 − 08 2024**
Bachelor's degree, Faculty of Computer Network and Communications   *HCM VN*

Noteworthy-award: Runner-up at Net Challenge Contest 2022

TOEIC Certification - Score: 750/990   **Awarded: 09 2024**
Test of English for International Communication

Experience

EMESOFT JOINT STOCK COMPANY   **09 2023 − 12 2023**
Front-end Developer Internship   *HCMC VN*
- Integrate unit-test helping to increase the test coverage rate to 50%.
- As a front-end developer collaborated with the design team to implement UI components.
- Gained exposure to Agile methodologies, participating in daily stand ups and sprint planning sessions.
- Got familiar with the concept of Clean Architecture and SOLID principles.

Noteworthy-works

Sentinel Platform - Graduate Thesis   **01 2024 − 06 2024**
Blockchain-based solution for Unwanted-call leverage Substrate SDK and Flutter   *UIT HCMC*
- As a full-stack developer for system model design, back-end integration with Substrate SDK, front-end with Flutter and related library
- Integrate blockchain as decentralize database using Rust
- Design and Implement Flutter with MUI and related lib
- Deal with the process of creating a digital signature on the payload to interact with the blockchain
- Techs: Flutter, Rust, Substrate SDK
- Demonstrate: *https://github.com/t41n4/sentinel-platform.git*

N4T41's Portfolio   **03 2024 − 06 2024**
Self-description and show-case in web development of Nguyen Anh Tai   *UIT HCMC*

- As a front-end developer, design a black-modern-minimalist-style portfolio and demonstrate it over internet.
- Integrate UI component using TailwindCSS following
- Integrate CI/CD for convention in developing
- Techs: Vite, TailwinCSS, Github Action
- Demonstrate: *https://t41n4.github.io*

Web3 Blockchain Streaming   09 2023 − 12 2023

Web3-base solution for Streaming use Ethereum Smart Contract and NextJS   *UIT HCMC*
- As a front-end developer for implement VideoJS to NextJS framework task.
- Operator for Integrate Nginx+RTMP server.
- Techs: Typescript, NextJS, TailwindCSS, VideoJS
- Demonstrate: *https://github.com/t41n4/BSW_2023.git*

Web3 Lottery Game   05 2023 - 08 2023

Web3-base lottery game use Ethereum Smart Contract and Vite   *UIT HCMC*
- As a front-end developer deal with real-time user interaction using Web Socket
- Established connection with backend and deal with user data flow.
- Techs: Vite with React, TailwindCSS and MetaMask wallet...
- Demonstrate: *https://github.com/t41n4/LTG_2023.git*

F4Koin Shop   08 2022 - 11 2022

Kickstart project E-commerce Website use Laravel and ReactJS   *UIT HCMC*
- As a back-end developer for the database and RESTful API architecture for F4Koin Shop's e-commerce platform, utilizing Laravel Framework.
- Collaborated with frontend team for initializing business API
- Techs: Laravel and ReactJS
- Demonstrate: *https://github.com/t41n4/F4W_2022.git*

Conference Presentation

MAPR 2024 | August, 2024 | Da Nang, Viet Nam
T. Tuan-Dung, N.A. Tai, T.T Anh, P.T. Duy and P. Van-Hau. 2024. "Towards Transparent Spam Detection: Sentinel Call - A Distributed Ledger Solution for Call Filtering" In Proceedings of 2024 International Conference on Multimedia Analysis and Pattern Recognition (MARP2024) **MAPR2024**