

BAO NGO QUOC

Singapore · ngobao2001@gmail.com · (65)-8320-3688 · <https://www.b21quocbao.tech>

EDUCATION

Nanyang Technological University MS Blockchain	Singapore Jul 2024 - Jun 2025
FPT University BS Computer Science	Vietnam Sep 2019 - Dec 2022

EXPERIENCE

NatureEye <i>Backend Developer</i>	USA (Remote) Aug 2022 - Jul 2024
--	-------------------------------------

- Helped my company build a backend server to replace third-party API, enabling real-time drone data transmission via WebSocket.
- Improved the video resolution from 720p to 1080p at 30 fps using WebRTC and HEVC.
- Integrated computer vision with LLM to analyze contextual information from the drone's video frames.
- Added real-time object placement to the world map.

Sotatek <i>Blockchain Developer</i>	Vietnam Aug 2021 - Aug 2022
---	--------------------------------

- Integrated L2 blockchain-based MMO features into the game.
- Developed scalable nodes using PBFT consensus for blockchain-based games.
- Mentored interns in backend development, focusing on the blockchain domain.

Techainer <i>Intern Backend Developer</i>	Vietnam Aug 2020 - Aug 2021
---	--------------------------------

- Built backend function for a time tracking website that uses face-detection camera with Node.js.
- Developed GraphQL to store and query employees, tracking history.
- Packaged the application using Docker and created a desktop version for sale.

SKILLS

Programming Languages:	Javascript, Python, Rust
Frameworks:	Node.js, React.js, Solidity, Scrypto, Next.js
Technologies:	System Infrastructure, Web Development, Smartcontracts, Blockchain

PROJECTS

Cross-platform NFT marketplace *Solidity, React.js* <https://github.com/b21quocbao/isfomo>
Developed an AI-driven liquidity position manager on Uniswap, leveraging user sentiment analysis from MEMECoin news to optimize trading strategies.

AI-powered fitness assistant *Solidity, Next.js* <https://github.com/b21quocbao/decentralized-ticketing>
This decentralized ticketing system leverages Ethereum smart contracts, a backend server, and a frontend application to facilitate event creation, ticket allocation via balloting, and payment processing.

AWARDS

ETH Global Hackathon - Uniswap Foundation - Integrations & Periphery 2nd place
Sep 2024

Third Prize in 2019 ACM ICPC Asia Regional Contest
Nov 2019

Third Prize in Vietnam Olympiad in Informatics
Jan 2019 and Jan 2018