NGUYEN DUC THANG | FULL STACK DEVELOPER

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- *Portfolio:* *https://thangnguyen.cloud*

SUMMARY

I'm a Back-end Software Engineer with 3+ years of experience designing and building scalable web and mobile applications. Passionate about solving complex problems and optimizing backend logic to deliver robust, high-performance systems.

Skilled in implementing advanced technologies such as microservices, master/slave databases, sharding, load balancer architectures...

Eager to contribute to high-impact projects with high concurrent user (CCU) scalability while continuously learning and applying cutting-edge technologies and best practices to enhance my expertise.

GRADUATE (2019-2023)

- University of Science (HCMUS)
- Major: Information Technology
- GPA: 7.5
- Toeic: 600+

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python

Platforms/Frameworks:
- Backend: Node.js, Express.js, Nest.js, Flask, Strapi
- Frontend: React.js, Next.js
- Mobile: React Native

Database Management System:
- NoSQL: MongoDB, Elasticsearch
- Relational: PostgreSQL, MySQL

Tools & Technologies:
- Message Brokers: RabbitMQ
- Caching: Redis
- Containerization: Docker, Podma
- Real-time Communication: Socket.io
- Monitoring: Grafana, Loki, Prometheus

Other Skill
- Expertise in Object-Oriented Programming (OOP), design patterns, and clean code principles
- Proficient in system architecture design, including microservices, event-driven architecture, and RESTful/gRPC APIs
- Strong experience in CI/CD pipelines, DevOps practices, and cloud platforms (e.g., GitLab CI/CD, Jenkins...)
- Experience leading technical teams, conducting code reviews, mentoring intern developers, and managing projects using Agile methodologies, Jira, and Git

PROFESSIONAL EXPERIENCE

PiSolution Company - Backend Developer   1/2022 - 6/2023

Project: Herobook (Gamefi NFT)

- **Description:** There is a system that includes a web app and game. Using Smart Contract to create Token HBG, Token NFT. Users can deposit tokens and buy NFT or items in the shop and trade them in the Marketplace. In addition, users also bet and use NFT to play games.
- **Technology:**
  - Front-end: Vuejs,
  - Back-end: Nodejs, MongoDB, Redis, socket.io, web3js, firebase...
- **Responsibilities:**
  - Main responsible for developing and coding features of the project
  - Build features and improve based on the roadmap, writing source document
  - Design database, make decisions for choosing library and architecture in the backend
  - Review code & mentor intern member of the team to ensure code quality

Startup Project - Leader   10/2023 - 1/2024

Project: App Booking Billiard

- **Description:** This is a mobile app where users can search for and book table billiards. We will link many billiard stores and provide them with web admin to manage information of the store.
- **Technology:**
  - App: React Native, Nextjs
  - Admin & Landing page: Nextjs
  - Backend: Nestjs, Postgres
- **Responsibilities:**
  - Generate ideas and develop project plans, make requirements for each feature
  - Create a task and assign it to members of the team, support fixing bugs, review code
  - Manage to outsource designer team
  - Take the main responsibility for developing apps using React Native
  - In addition, I also developing web admin using Nextjs

Gameloft - Middle Backend Developer   1/2024 - Now

Project: Social Network Crawler

- **Description:** Built a crawler to pull posts from multiple social media platforms (Facebook, Instagram, Discord, TikTok, YouTube).
- **Technology:**
  - Back-end: Nodejs, MongoDB, Redis...
- **Responsibilities:**
  - Researched and documented technical solutions, workflows, and best practices for team reference.
  - Developed a scalable crawler to extract and process posts for each platform like Facebook, Instagram, Discord, TikTok, and YouTube.
  - Resolved challenges like API rate limits, authentication, and data normalization across platforms.

Others:

- Developed a variety of side projects, including a Telegram App, Discord Bot, Lottery Draw System, E-commerce Platform, GameFi Application, and Landing Pages.
- These projects allowed me to explore diverse technologies, refine my problem-solving skills, and deliver user-centric solutions.