Nguyen Duy Quang

Backend Developer

Contact

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in https://www.linkedin.com/in/nguyen-duy-quang/

○ https://github.com/quangproject

Objectives

Armed with early exposure to Information Technology and a passion for programming, I am eager to seek opportunities with a company that can provide substantial practical experience. I am a patient person who does not shy away from challenges and is eager to identify a workable solution to the issue.

Education

University of Greenwich
Major: Information Technology

08/2020 – Present

Experience

Backend Developer (Full-time)
Teknix Corporation
Ninh Kieu Distrct, Can Tho City

11/2023 – Present

Backend Developer (Internship)
Agilino Vietnam
Ninh Kieu District, Can Tho City

06/2023 – 10/2023

Technical & Soft Skills

Programming Language	Java, C#, JavaScript, TypeScript
Framework	Spring Boot, Angular, ASP.NET Core, React, NestJS
Database	PostgreSQL, SQL Server, MySQL, MongoDB, CockroachDB, ElasticSearch, Redis
Other	Scrum/Agile, SOLID principles, Swagger, Docker, Git, Keycloak, Kafka, GraphQL, Cloudflare Workers, Nginx, Traefik.
English	Basic communication
Skills	Organizational and time management skills, Teamwork skill, Self-study, self-improvement

Awards

Mar 2022	Top 3 Students of Fall 2021 Semester – Computing
Jul 2022	Consolation Prize Greenwich Coding Challenge V3.1
Nov 2022	The Best Student of The Subject: Database Design & Development
Nov 2022	Top 3 Students of Summer 2022 Semester – Computing
June 2023	The Best Student of The Subject: Cloud Computing

Work Experience

➢ Teknix Corporation

BUBUTAP

06/2024 – 09/2024

Desctiption: Build an attractive, easy-to-play and highly interactive game on the Telegram platform, attract players and create an active user community.

Technical Used:
- Technologies: NestJS, Cloudflare Worker, Payload CMS, GraphQL, Docker.
- Database: CockroachDB, MongoDB, ElasticSearch, Neo4J, PocketBase
- Programming Languages: TypeScript

My Contribution:
- Create and enhance APIs related to connecting TON wallet and users.
- Create and enhance level upgrade APIs for users.
- Create and enhance token mining APIs.
- Create and enhance in-app social engagement APIs.
- Create and enhance APIs that perform missions.
- Create and enhance APIs that display leaderboard.

Achievements:
- Have experience working with Payload CMS and other databases

Link game: https://t.me/bubutap_bot/join?startapp=206B01E5F

TONTAP

03/2024 – 05/2024

Desctiption: Develop a chatbot on Telegram with an integrated mini app that provides virtual money mining games based on the TON blockchain ecosystem.

Technical Used:
- Technologies: NestJs, Cloudflare Worker, Directus, GraphQL, Docker.
- Database: PostgreSQL, Neo4J
- Programming Languages: TypeScript

My Contribution:
- Create and enhance APIs related to item slots, using items, and leveling up when mining coins.
- Create and enhance APIs to deposit TON to buy items and withdraw TON to wallet.
- Create and enhance APIs for opening gifts and winning lists
- Create and enhance APIs that invite participation through social networks on the application.
- Create and enhance APIs that perform tasks.

Achievements:
- Have experience working with Blockchain, TON currency, NestJs, Cloudflare Workers, and Neo4J

➢ **Final Project**
Linkwave Social Network
03/2024 - 05/2024
Desctiption: Develop an engaging and user-friendly online social networking platform that promotes connection, discussion and sharing of opinions among users.
Technical Used:
- Technologies: HTML, SCSS, Bootstrap, Angular, Spring Boot, Docker, Keycloak
- Database: PostgreSQL
- Programming Languages: TypeScript, Java

My Contribution:
- Design and implement a robust database schema to ensure efficient data management and retrieval.
- Implement user authentication and authorization using Keycloak to enhance security.
- Develop and enhance backend APIs to provide seamless data interaction.
- Integrate Angular to improve user interactivity and optimize overall site performance.

Achievements:
- Better understand authentication and authorization with Keycloak

Source Code:
- Front-end: https://github.com/quangproject/linkwave-website
- Back-end: https://github.com/quangproject/linkwave

➢ **Agilino Vietnam**
Surgerate Project
07/2023 – 10/2023
Desctiption: Development of a System for Scoring and Evaluating Veterinary Medicine Surgeon Performance.
Technical Used:
- Technologies: HTML, SCSS, Bootstrap, Angular, Spring Boot, Docker, Keycloak
- Database: PostgreSQL
- Programming Languages: TypeScript, Java
- Testing: JUnit, Mockito

My Contribution:
- Create and enhance APIs related to pet CRUD, and questions after surgery.
- Integrated Angular for improved interactivity and optimized website performance.

Achievements:
- Have experience working with Spring Boot and Angular, Keycloak, Docker

Link website: https://surgerate.net/