Nguyen Huu Duy

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SUMMARY

I have a passion for programming. I like to create something useful for the community or myself by everything learned. After more than 2 years working as a backend developer, I have grown valuable experience in designing server-side applications with NodeJS/NestJS, ExpressJS, GraphQL and other tech stacks. I believe I can quickly adapt to your team; make a long-term and real impact on your ongoing projects with my skills and experience.

EDUCATION

VNUHCM - University Of Science   Ho Chi Minh, Viet Nam
Bachelor of Software Engineering; GPA 8.1/10   *Jun 2017 - May 2022*

EXPERIENCE

Codelight   Ho Chi Minh, Viet Nam
Backend Engineer ·   *Jun 2022 - Sep 2023*

- **Develop and maintain server-side applications**: Create and maintain scalable and efficient server-side applications using NodeJS/NestJS and related technologies such as GraphQL, MongoDB, PostgresSQL, Redis...
- **Design and implement APIs/GraphQL**: Design and implement RESTful APIs/GraphQL that can be consumed by front-end developers.
- **Deploy and manage applications**: Deploy and manage server-side applications on Google Cloud Platform.
- **Implement security measures**: Implement security measures such as encryption and authentication to protect sensitive data and prevent unauthorized access.

Freelance   Ho Chi Minh, Viet Nam
Software Engineer ·   *May 2021 - Jul 2022*

- **Develop personal projects**: Develop personal projects such as attendance plugin for Moodle, e-learning website, classroom management website using HTML, CSS, Javascript, NodeJs/ PHP.

Mpire Agency   Ho Chi Minh, Viet Nam
Software Engineering Intern ·   *Sep 2020 - Dec 2020*

- **Develop applications**: Write PHP code with Phalcon framework and SEO improvement for website

PROJECTS

Heydevs (https://heydevs.io)   Customer: Codelight
Backend Engineer · Team size: 10+   *Apr 2023 - Sep 2023*

Description: HeyDevs is the active sourcing platform in the APAC region.
My responsibilities:

- Develope GraphQL and RESTful APIs using NestJS, Express and PostgesSQL.
- Responsible for handling the email/notification service using Novu, AWS SES, Brevo, and FCM.

Technologies used: NodeJS/NestJS, GraphQL, PostgesSQL, Redis, Websocket

EZ Wallet (https://ezwallet.xyz)   Customer: Codelight
Backend Engineer · Team size: 5   *Nov 2022 - Apr 2023*

Description: EZ Wallet is the crypto wallet for Defi, Web3 Dapps and NFTs.
My responsibilities:

- Design database and user authentication mechanism to manage data for the learn and earn feature.
- Integrate the buying/selling of crypto with fiat currency through MoonPay/Transak.
- Develop a real-time chat feature using WebSocket and Socket.io.

- Develop a notification service using FCM.
- Write, deploy, and airdrop an NFT smart contract using Hardhat.

Technologies used: NodeJS/NestJS, PostgresSQL, Redis, Websocket

Warena (https://warena.io)   Customer: Codelight
Backend Engineer · Team size: 6   *Jun 2022 - Dec 2022*

Description: Warena is the first personalized and play-to-earn nonfungible token (NFT) metaverse game, has raised over $1.5 million.

My responsibilities:

- Maintain and develop of features: buying/selling items, handling the NFT deposit/withdrawal process in-game to prevent cheating, in-game item trading, weapon upgrades, and an item farming system
- Refactor code support multi-chain (BSC, Thunder Core, Harmony One).

Technologies used: NodeJS/NestJS, GraphQL, MongoDB

TECHNICAL SKILLS

Backend: NodeJS , NestJS , ExpressJS , GraphQL   **Database**: PostgresSQL , Mysql , MongoDB
Blockchain: Solidity , Hardhat   **Others**: Docker , Agile/Scrum , Microservices , Git , ...