Hung Vo Phi

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SUMMARY

I am an aspiring backend developer dedicated to creating innovative and reliable applications. With a passion for efficient and scalable solutions, I aim to continually expand my skills and collaborate with experienced professionals to grow as a developer. My goal is to deliver high-quality software solutions that meet user needs and contribute to the success of the organization.

EXPERIENCE

Backend Developer

Teqnological Asia   **August 2023 - August 2024**

· Developed, tested, and maintained software applications from concept to deployment, focusing on efficient, concurrent backend services and APIs using Go.
· Managed and optimized both relational (MySQL, PostgreSQL) and NoSQL (DynamoDB) databases, implementing advanced querying and scalable storage solutions with S3.
· Utilized in-memory data structures like Redis for caching and real-time performance, while securing APIs through JWT-based authentication and OAuth2 protocols.
· Ensured code quality and reliability through rigorous unit testing.
· Technologies: Go, MySQL, PostgreSQL, DynamoDB, S3, Redis, JWT, Oauth2

Backend Developer

Freelance   **April 2023 - July 2023**

· Developed high-performance microservices and RESTful APIs using Go, with a focus on managing and optimizing relational databases like PostgreSQL through complex SQL queries.
· Implemented secure, scalable cloud storage solutions with Backblaze B2, and configured web security, DNS, and CDN services using Cloudflare.
· Secured APIs with token-based authentication, built serverless functions for scalable web applications, and ensured stateless sessions through JWT integration.
· Technologies: Go, PostgreSQL, Backblaze B2, Cloudflare, Serverless, JWT

Backend Developer

Deein   **January 2023 - March 2023**

· Built APIs and data clients to consume APIs.
· Integrated third-party APIs from external applications into web platforms.
· Managed efficient SQL queries and data transport.
· Technologies: Go, PostgreSQL, Tailwind, UnoCSS

PROJECTS

Tinfoil Host - A Tinfoil hosting server for downloading Nintendo Switch titles

tf.clgt.vn
· Stored titles on Backblaze B2.
· Developed a web application for users to download titles online.
· Integrated Tinfoil's custom index to allow downloads directly on Nintendo devices.
· Configured Cloudflare CDN for caching to improve performance.

Lottery9 – A crypto lottery game with blockchain integration for transparency and fairness

lottery9.vercel.app

· Designed and wrote the smart contract using Solidity to handle ticket purchases, random number generation, and winner selection.
· Deployed the smart contract via Thirdweb for decentralized management.
· Built a Web3 application with React, providing a user-friendly interface for players to purchase tickets, view the prize pool, and track winners, all while connecting to their crypto wallets.

SeaCloud – A distributed file storage cloud service

youtu.be/YltJQ0EQd3U

· Implemented distributed file storage using SeaweedFS, ensuring efficient and scalable data management.
· Integrated identity and access management with Ory Kratos and Ory Keto to manage user authentication and authorization.
· Applied a pub/sub pattern using Redis Streams to handle the thumbnail generating service asynchronously.
· Integrated metrics monitoring with Prometheus and Grafana to track system performance and ensure reliable operation.

EDUCATION

Bachelor's degree in Software Engineering

University of Science · Ho Chi Minh City · 2024 · 8.8/10 GPA

Gold League with over 40+ badges

Google Cloud Skills Boost · https://j2c.cc/gcsb · 2024 · 25330 points

CERTIFICATIONS

960/990 TOEIC Listening & Reading

IIG Vietnam, Ho Chi Minh City Branch · 2023

290/400 TOEIC Speaking & Writing

IIG Vietnam, Ho Chi Minh City Branch · 2023

SKILLS

– Proficient in Go for web application development and skilled in creating RESTful APIs for seamless integration.
– Experienced in designing and managing databases, including SQL (MySQL, PostgreSQL) and NoSQL (MongoDB, DynamoDB), and knowledgeable in serverless architecture for scalable solutions.
– Proficient in Git for version control and collaborative development, with a strong understanding of the software development process and unit testing.
– Basic experience with cloud computing platforms (AWS, GCP) for application deployment and management.