Nguyen Tuan Kha - Backend Developer

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Summary — Passionate Backend Engineer with nearly 2 years of experience in web development and server monitoring. Proficient in system design, process optimization, and improving server efficiency for better product performance

Experience

Backend Developer   Jul 2023 – Present
Nexlab Technology

- Created multi-platform applications using Golang and NodeJS combining with Hasura GraphQL, delivering high development speed and efficiency
- Enhanced the data retrieval times through effective database management and optimization
- Designed server infrastructure with on-premise and cloud server, reducing server errors by logging and debugging
- Automatically handled the exceptional cases with scripts, ensured the consistency and synchronization of data
- Maintained and refactored features of operated projects
- Contributed to project development with effective backend solutions and best practices

Projects

Daikin Service Sale

- Built a portal used by Daikin Corporation to create and manage inquiries with customers, digitalize the process of purchasing a large number of products
- Techstacks: VueJS 3 + ExpressJS, RESTful APIs, Hasura GraphQL, PostgreSQL, Bitbucket Pipeline, On-premise server, Microservices Infrastructure, Nginx Web Server, Google Cloud Logs

Daikin Service

- Developed a project including a website portal, a customer app and a technician app for Daikin Corporation to manage the internal operation, inventory system, support the technician team, and interact with customers
- Structured the system following microservice infrastructure
- Achieved a user base of over 600K whilst maintaining the availability of system
- Techstacks: VueJS 3 + ExpressJS, RESTful APIs, Hasura GraphQL, PostgreSQL, Bitbucket Pipeline, On-premise server, Microservices Infrastructure, Nginx Web Server, Google Clould Logs, and third-party services

A3 Pro

- Created a multi-platform application to manage sale activities, human resources, warehouses and customers
- Handled multiple operations of businesses at the same time and ensured the system performance
- Techstacks: ReactJS + Gin, Hasura GraphQL, PostgreSQL, VNG Cloud Server, Docker Compose, Traefix Web Server

Technical Skills

- ExpressJS/Typescript & Gin/Golang
- Bash Script
- Hasura GraphQL, RESTful APIs
- PostgreSQL, MongoDB
- Docker & Docker Swarm
- OOP, SOLID principles, Algothisms
- AWS, GCP, VNG Cloud
- On-premise Server
- CI/CD Pipelines
- Networking
- Problem-solving
- Scrum/Agile Methodologies

Education

University of Information Technology - Ho Chi Minh National University (Vietnam)   Sep 2020 - Jun 2024
Bachelor of Software Engineering
Degree grade: Good - GPA: 8.24/10
Award: Semester schoolarship for top 5 highest scores

Language

English: IELTS Certificate: 6.5/9   **TOEIC Certificate:** 800/990