Huynh Tan Thinh

Software Engineer

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EDUCATION

TELECOMMUNICATION UNIVERSITY   **Oct 2017 – May 2021**

Major: Software Engineering.

GPA: 3.6/4.

SKILLS

Languages: ██████▨▨▨

- English

Frontend: █████▨▨▨▨▨

- HTML, CSS, JS, Jquery
- Bootstrap

Backend: ████████▨▨

- C#, .NET Core 3.1, .NET 6
- Node.js, Strapi, NestJS
- MySQL, MongoDB
- Microservices
- RabbitMQ, Google Pub/Sub
- GitHub

DevOps: ████████▨▨

- Docker, Helm, Kubernetes
- Terraform
- CI/CD
- FluxCD
- Google Cloud Platform: GKE, Cloud Run, Cloud Function, Pub/Sub, Cloud Storage
- Amazon Web Service: EKS, ECS, Lambda Function, ECR, S3

WORK EXPERIENCE

INFODATION VIET NAM   **May 2021 – Present**

Software Engineer – Viet Nam **(May 2021 – Present)**

Main Duties:

- Developed APIs for frontend-backend communication, ensuring security and efficiency.
- Designed and maintained the database schema, implementing necessary optimizations for swift data retrieval.
- Set up continuous integration and continuous deployment (CI/CD) pipelines for automatic code integrations and efficient deployments.
- Managed and monitored cloud infrastructure to ensure 99% uptime.
- Collaborated with frontend developers to ensure smooth data flow and user experience.
- Fixed critical and minor bugs in existing projects.
- Refactored and optimized legacy code.
- Reviewed colleagues' code to maintain coding standards.
- Managed the verification and deployment of systems, ensuring timely updates and roll-outs.
- Configured and maintained a Kubernetes cluster to optimize application scaling and resilience.
- Implemented Terraform setups to automate and standardize infrastructure provisioning.

Technical Support – onsite Netherlands **(May 2024 – Aug 2024)** 3 months

Main Duties:

- Facilitated effective communication and collaboration between the Vietnam and Netherlands teams.
- Investigated and resolved technical issues, identifying root causes and implementing appropriate solutions.
- Provided guidance and support to clients throughout the issue resolution process.

Technologies: .NET 6 | .NET Core 3.1 | MySQL | MongoDB | Docker | Kubernetes | Helm | FluxCD | Microservices | Terraform | GCP

DAO ENTERTAINMENT   **Nov 2021 – Present**

Freelance Developer & DevOps **(Nov 2021 – Present)**

Main Duties:

- Collaborated with developers to design comprehensive system architectures that support business requirements and user needs.
- Developed APIs for web portals, facilitating smooth frontend-backend interactions.
- Integrated third-party APIs to enhance platform capabilities and extend service offerings.
- Reviewed colleagues' code to maintain coding standards.
- Managed the verification and deployment processes, ensuring reliable system updates and releases.
- Configured and maintained a Kubernetes cluster, optimizing application deployment, scaling, and management.
- Implemented Terraform setups to automate and standardize infrastructure provisioning.

Technologies: .NET 6 | Node.js | Strapi | NestJS | MongoDB | Microservices | Docker | AWS EKS | AWS ECS | Helm | FluxCD

PROJECTS

Kikker (2021 – Now)

Customer: Kikker Energie B.V.

Team size: 25

Position: Backend Developer & DevOps

Website url: https://kikker.nl

Description:

- Developed for the Netherlands-based Kikker Company, this comprehensive platform streamlines the selling and management of Electrics & Gas services. With robust features tailored to the utility sector, it facilitates effective management of resellers, customer databases, contracts, and crucial metrics associated with utility provision. A distinct feature is its ability to read meter numbers directly from devices, efficiently calculating the consumption in terms of Watt/kW for Electrics and m3 for Gas.

- The system is further enhanced with financial management tools. It is equipped to generate monthly invoices and annual bills for customers, ensuring transparency and accuracy. Resellers, a vital link in the utility chain, are also catered to with an automated commission calculation feature. To top it off, the platform supports automated payments, ensuring timely revenue collection and simplifying the payment process for customers.

Main Duties:

- Developed APIs for frontend-backend communication, ensuring security and efficiency.
- Designed and maintained the database schema, implementing necessary optimizations for swift data retrieval.
- Set up continuous integration and continuous deployment (CI/CD) pipelines for automatic code integrations and efficient deployments.
- Managed and monitored cloud infrastructure to ensure 99% uptime.
- Collaborated with frontend developers to ensure smooth data flow and user experience.
- Fixed critical and minor bugs in existing projects.
- Refactored and optimized legacy code.
- Reviewed colleagues' code to maintain coding standards.
- Managed the verification and deployment of systems, ensuring timely updates and roll outs.
- Configured and maintained a Kubernetes cluster to optimize application scaling and resilience.
- Implemented Terraform setups to automate and standardize infrastructure provisioning.

Technologies: .NET 6 | .NET Core 3.1 | MySQL | MongoDB | Docker | Kubernetes | Helm | FluxCD | Microservices | Terraform | GCP

Fanvibe (Nov 2022 – Now)

Customer: DAO Entertainment

Team size: 3

Position: DevOps

Description:

- This is the improvement from DTOLink or DTOLink v2. Have more integration with 3rd party, more analytics & other improvements. Migrate from normal Docker container to using AWS EKS, ECS, Lambda Function and GCP Cloud Run & Cloud Task.

Main Duties:

- Developed APIs for frontend-backend communication, ensuring security and efficiency.
- Collaborated with developers to design comprehensive system architectures that support business requirements and user needs.
- Migrate old environment from Docker container to AWS EKS & AWS ECS.
- Setup environment on AWS Elastic Kubernetes Service (EKS) and AWS Elastic Container Service (ECS).
- Setup environment on Google Cloud Run & Google Cloud Task.
- Setup CI/CD to automatic deploy.
- Implemented Terraform setups to automate and standardize infrastructure provisioning.

Technologies: MongoDB | Microservices | Docker | Kubernetes | Terraform | AWS | EKS | ECS | Lambda | GCP | Cloud Run | Cloud Task

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DTOLink (Nov 2021 – Nov 2022)

Customer: DAO Entertainment

Team size: 3

Position: DevOps

Website urls:

- https://dtolink.com

- https://dbio.to/daoentertainment

- https://mra.dfan.to/mua-cu-roi

Description:

- Designed to empower artists and creators, this platform allows users to craft their unique music release and bio pages with diverse customization options. It stands out by not only offering a space for artists to represent their musical journey but also by pulling in real-time analytics. Integrating seamlessly with third-party giants such as Spotify, Apple Music, Deezer, and Songstats, it equips users with rich insights. Artists can access data on views, subscribers, and store performance, offering a deep dive into the reception of their tracks, albums, and overall discography. By providing both a creative outlet and analytical depth, the platform is a holistic solution for artists looking to build their online presence and gauge their industry impact.

Main Duties:

- Collaborated with developers to design comprehensive system architectures that support business requirements and user needs.
- Developed APIs for web portals, facilitating smooth frontend-backend interactions.
- Integrated third-party APIs to enhance platform capabilities and extend service offerings.

- Reviewed colleagues' code to maintain coding standards.
- Managed the verification and deployment processes, ensuring reliable system updates and releases.
- Setup environment to deploy services.
- Setup CI/CD to automatic deploy.

Technologies: Node.js | Strapi | MongoDB | RabbitMQ | Microservices | Docker

CERTIFICATIONS

Infodation Scrum Master   2023

HONORS & AWARDS

Star of the year - Infodation   2023