



THUY HOANG

SOFTWARE ENGINEER

PROFILE

Purse the art inspired by programing languages.
Keep practicing to architect software systems running smoothly on various kinds of cloud services as well as utilize cutting-edge technologies to keep software up-to-date throughout not only on Graphical User Interface but also diving deep into Infrastructure.



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EDUCATION

BSc. Computer Science

HCMC University of Technology
Aug '17 - July '21

SKILLS

Programing Languages

JavaScript (ES6+), TypeScript, Python,
Solidity, Rust, Golang

Libraries & Frameworks

ReactJS, NextJS, GatsbyJS, GraphQL,
Node.js, NestJS, Flask, Django, PyTorch

Databases

Relational databases
NoSQL databases
Key-value databases

Tools & Platforms

Git, Github Actions, CircleCI, Jenkins
Docker, Kubernetes, Helm, Terraform
GastbyCloud, Netlify, Vercel
Azure, AWS, GCP

WORK EXPERIENCE



Software Engineer

July '21 - Current

KMS Technology, VN

Complion Project

- ✦ Worked as a full-stack engineer in a Scrum team.
- ✦ Delivered solution to support clinical researchers in staff assignment, FDA document management, which aligns with HIPAA compliance.
- ✦ Implemented highly interactive UI/UX experiences using React (with Redux).
- ✦ Designed and built service to handle the integration with 3rd parties using Flask and Azure Service Bus.



Software Engineer

Dec '20 - June '21

KMD Technology, VN

Forbie Project

- ✦ Proposed solution to support doctors in monitoring their patient's treatment progresses.
- ✦ Designed & Implemented web-based dashboard (React, Redux-Saga, Recharts, etc) to monitor survey score of patients
- ✦ Maintained a RESTful micro-services system written in NestJS which not only serves API requests from web portal as well as mobile application but also processes queued background jobs.
- ✦ Maintained a LUIS chat bot, implemented a speech-to-text service based on Azure Cognitive Service to script conversation of patient's doctor engagement.



AI Engineer

Mar '20 - Nov '20

Emage Ltd.

- ✦ Maintained & optimized product which supports users inspect defective components in the manufacturing industry.
- ✦ Researched relevant studies on machine-learning based computer vision: image classification, instance segmentations, etc.
- ✦ Built, customized and engineered several networks (Pytorch/Tensorflow) on Linux machines, extensively worked with Bash (Unix shell), GNU Screen.

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