

# TRI MANH NGUYEN

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## Skills

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- Programming languages: Python, JavaScript, Typescript, SQL
- Frameworks: Express, Django, Angular, Flask
- Databases: MySQL, PostgreSQL, Redis
- Clouds and tools: AWS (EKS), GCP (GKE, Cloud Storage, BigQuery), Terraform
- Version management: Git
- Deployment: Docker, Gitlab CI/CD, Kubernetes, GoCD
- OS: Linux, VM, WSL

## Experience

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EcoTruck | Ho Chi Minh City, Vietnam Apr 2023 – Present

Software Engineer

- Reduced at least 70% operation time of the accounting team by working on integrating Google's Cloud Vision into the system to extract text data from paper bills, invoices
- Moved the whole operation workflow to the in-house platform by integrating an E-invoice service, which includes collaborating with their team and designing the code base
- Improved development time by at least 50% by automating the build and deployment of an ERP service with writing shell scripts to connect all the relevant components of the CI/CD pipeline
- Cut 40% in the operation team's working time by representing a team of 3 engineers, reviewing code, managing git flows and finalizing technical solutions, which ensured delivery of the cost management features to the customers on time

Hitachi | Ho Chi Minh City, Vietnam

Mar 2021 – Apr 2023

Software Engineer

- Provided the company an overview of their fleet's performance by building restful APIs to enable their services to integrate with a smartcam system's data and deploying to GCP
- Improved the experience for our customers by using cache, testing on a dev environment and using Terraform to better manage the infrastructures
- Improved the project's keys management practice by using Google's Secret Manager to store secrets and SOPS to encrypt and decrypt data
- Shared knowledge with other departments by writing a detailed technical document which allowed them to follow more easily and provide feedbacks

Viec Co | Ho Chi Minh City, Vietnam

Dec 2019 – Mar 2021

Data Analyst

- Built a Business Intelligence system to provide an overview/in-depth look at the company's key metrics which allowed them to forecast peak times by building automated reports
- Facilitated building dashboards by designing data pipelines, data models, allowing other departments to reuse data easily

## Coursework

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- Google's Associate Cloud Engineer
- Bret Fisher's Docker and Kubernetes Mastery

## Education

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Foreign Trade University | Ho Chi Minh

August 2015 – August 2019

Bachelor of Economics

English efficiency - TOEIC 985/990