Phan Hoang Phuoc

Fullstack and Devops Mid-Level Engineer

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Constantly learning to cultivate knowledge about programming to develop professional skills. Research and build optimal system solutions.

Profile

📅 **08/01/1999**

✉️ **phuocpro8199@gmail.com**

📱 **0981415287**

🏠 **77/1 Hoang Dieu 2, Linh Trung, Thu Duc**

ℹ️ **https://github.com/phuocpro1969**

ℹ️ **https://gitlab.com/phuoc.backend.01**

ℹ️ **https://www.linkedin.com/in/phuoc-phan-ab3b981ba/**

Skills

● **Language**

Javascript, Typescript, Python

● **Frontend**

ReactJS, TanStack Query, Redux-toolkit, Google Maps, React Beautiful dnd, React Hook form, Ant Design, Meterial UI, Nextjs, Firebase, Stripe, Axios

● **API protocols Types**

- Restful
- graphql
- Socket
- Microservice (grpc, tcp, redis, Broker)

Work experience

● **Backend and Devops Engineer**

Tego Global | **2022 - 2025**

2/2025-now: TopTopMax - Ousource - Backend
- Build crawl template, product
- Build Brand, Category product
- Load and Sync data with Tiktok
- Update upload file system

+ Tools and Framword
- Nestjs, Mongo, S3, Axios, Redis

12/2024-4/2025: PFS Consulting - Ousource - Backend
- Upload and Process Bulk file excel, CSV, JSON data
- ETL data and crawling price data for system Cumulus: Travel, Pet, Motor, Home building, Home Content for multi customer

+ Tools and Framword
- Microservice
- Node: Nestjs, BullMq, Mongoose, BullDashboar
- Python: Flask, BluePrint, RQ, RqDashboard, scrapy, selenium, cloudflare
- Docker, AWS Route53, AWS S3, AWS RDS, Redis, Selenium, EC2, CloudFront, Certificate Manager, cloudflare

2/2024-8/2024: Perkify - Outsource - Devops
- Build Infrastructure EC2, Gitlab CI/CD, ECR, Mongo, EC2 throgh Terraform
- Deploy tag version builder, docker
- Gitlab selfhost, DNS, Gitlab Runner
- Cloudwatch, grafana
- Sentry, NewRelic
- CloudFlare

+ Tools and Framwork
- EKS, docker, Harbor
- Cloudwatch, grafana
- SES, SNS, twillio, Cognito, SMS and email bussiness, Brevo
- Redis, Mongo
- Terraform, bash
- gitlab
- Goole wallet, Apple wallet
- Firebase
- grafana Sentry, NewRelic
- CloudFlare

Backend
- Nodejs, NestJs (ExpressJs)
- Python (Bluesprint, flask)

DB
- Mysql, PostgresDB, Postgres(AWS RDS),
- MongoDB, Redis, DynamoDB

Queues
SQS, Bull, BullMQ, AgendaJob, RQ(Python)

Operating System
Linux, Windows, Macos

Containers, Orchestration and Serverless
docker, podman, kubernetes, Lambda, AWS EKS, AWS Amplify, AWS ECS

Dependency Manager tools and Repository
Nexus, Npm, Docker hub, Harbor

Complier Tools
Webpack, vite, RsBuild, Swc

Version control system
GitHub, Gitlab, Bitbucket, AWS CodeCommit

Framework
NestJS, ExpressJS, NextJs, tailwind CSS

Infrastructure Provisioning
terraform, typescript CDK

2/2024-6/2024: Timkhach - Product - Devops
- Build Infrastructure EKS, gitlab CI/CD, Harbor, Mongo, EC2 throgh Terraform
- Deploy tag version builder
- Build Harbor, Gitlab selfhost, DNS, Gitlab Runner
- Build Logger
- CloudFlare

+ Tools and Framwork
- EKS, docker, Harbor
- Cloudwatch, grafana
- SES, SNS, twillio, Cognito
- Mongo
- Terraform, bash
- gitlabCI
- Goole wallet, Apple wallet
- Firebase

8/2023-10/2024: Vivaleisure - Outsource - Backend
- Build payment gateway For VivaPay
- Build finance reports: Joining report, Payment Report(MonthLy)
- Revenue Report (Week, Month, Quarter, Half Year, Year, 3 Years)
- Salary and Bonus Report(Month, Year)
- Export gateway tools: Excel, Word, Pdf
- Chart Report

+ Tools and Framework:
- Nodejs
- AWS service: Lambda, Amplify, dynamoDB, AppSync, Pinpoint, SNS, SQS, Cognito, CloudWatch
- Puperteer, PapaParse, ExcelJs, Docx

8/2023-4/2024: Valuer - Outsource - Backend
- Build Authentication
- Connect AWS: Cognito and RDS
- Connect Saleforces and Contact Saleforces using for custom sale

+ Tools and Framework:
- Ubuntu, bash script
- Saleforce API, Maven
- AWS Service: Cognito, RDS

3/2022-5/2024: Inbea Backend Architech Leader and Devops (BE team size 10 members)
- Build Infrastructure, CI/CD and Deploy
- Build Microservice
- Build Source Express Nestjs + Redis + Postgresql + Queue + Notification + ETL
- Build send mail: sendGrid
- Build CRM database
- Build Restful API for user, product, livestream,...
- Build Socket for cart, livestream, ...
- Build contact Shipping: Goship
- Build payment: Momo, Onepay, Stripe
- Contact gateway with AWS: S3, IVS,...
- Build ElasticSearch
- Build migration ETL data

+ Tools and Framework:
- Ubuntu, bash script
- Docker, nginx, github action

AWS

SQS, Bridge, RDS, Certificate Manager, EC2, ECR, Cognito, S3, Glue, Athena, RedShift, Appsync, pinpoint, CodeCommit, CodeBuild, CodePipeline, SES, SNS, CloudWatch, Amplify

Payment

Stripe, Momo, Onepay

Application Errors

Sentry, sonarQube, NewRelic

Notification, Mail, SMS and Call

Slack, twillo, AWS SNS, Sendgrid, OneSignal, AWS Pinpoint, Brevo

Logs, monitor and Alarms

AWS Cloud Watch, Prometheus, Grafana, Graylog, AWS Athena

Wallet

Google, apple

Read And Export file tools

- S3, Multer
- Puperteer, ExcelJs, Docx, PapaParse

Maps Service

Amap, google maps

CI

Github actions, Gitlab CI, Travis Ci, AWS CodeBuild, AWS CodePipeline, Jenkins

CD

- NestJs (typescript) + typeorm + swagger + microservice + Postgres-replica, Redis-sentinel, Bull, One-Signal, Cronjob + ETL
- AWS Service: S3, IVS
- Momo, Onepay, Goship

12/2022-8/2024: Moochies - Outsource - Devops
- Build and maintain Infrastructure EKS, CI/CD
- Build Monitor: Grafana, Prometheus, AWS CloudWatch
- Build Log Managerment: GrayLog
- Build Error tracking: Sentry
- Connect AWS Service: Cognito, Pinpoint,...

+ Tools and Framework:
- Ubuntu, bash script
- Docker, nginx, github action
- AWS Service: EKS, Route53, LoadBalancer, ECR, Pinpoint
- Dns make easy, Sectigo SSL
- Broker
- Amap, Firebase, Sentry
- Grafana, Prometheus, Graylog

5/2023-3/2024: FindACarer - Outsource - Backend
- Build import and export csv
- Build advance search carer in distance
- Build Cronjob using AWS eventbridge
- Build Payment: Stripe
- Build Notification and Mail

+ Tools and Framework:
- Ubuntu, bash script
- Docker, nginx, github action, husky
- NestJs express(typescript) + Prisma
- AWS Service: RDS, EventBridge,
- Sendgrid, Stripe, Google map, firebase

3/2022-6/2022: Event Media - Outsource - Backend
- Maintain and build bulk upload and export
- Connect redis and database
- Send Email

+ Tools and Framework:
- Nodejs express + typeorm, Symfony
- Redis, MySQL
- Sendgrid
- Bitbucket, Docker

3/2022-5/2023: Sathapana Bank - Oursource - Devops
- Build resource system management: gitlab, runner, nexus, habor, ...
- Maintain Kubernetes management system: ArgoCD, K8S, Habor, Loki, Prometheus

+ Tools and Framework:
- Gitlab, gitlab runner, nexus, habor,
- ArgoCD, Kubernetes
- Loki, Prometheus, Grafana
- Bash Script, Docker
- Ubuntu, Windows Server

5/2022-7/2022: Abhi finance - Outsource - Backend
- Build bulk upload file, export report
- Build CI/CD jenskin

Jenkins, AWS CodeDeploy, Gitlab, ArgoCD

● CDN

CloudFlare, DNS make esay, AWS Route53, NameSilo

● Platform

AWS, GCP

● Manage task, goals

Jira, Trello, Clickup, Bitbucket, MatterMost, Slack, Gitlab, Tekup

● Agile

Scrum

● Tool Code

vscode, eslint, prettier, husky, gitlen, redis, mongo, dbaever, Docker, podman, terraform, Jupiter, ssh, python, node, CodeLint

● English

Basic Level

Interests

- Research and build optimal system solutions
- Going out with friends and colleague
- Engaging sports, such as: swimming, batminton
- Travelling and getting knowledge of culture, life and local people

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- Build CI/CD jenskin
+ Tools and Framework:
  - Nodejs severless(typescript) + typeOrm
  - AWS Service: DynamoDB, SQS, SNS, S3, CloudWatch, CodeCommit, CodeBuild, Code pipeline
  - Notification: Firebase

● Frontend engineer

Blueprint | **2022 - 2023**

5/2022-6/2024: Rivir Portal- Freelancer - Frontend
  - Maintain permission management
  - Maintain category asset management
  - Build Task management
  - Build Feed system
  - Multiple language
  - Build Folder management
+ Tools and Framework:
  - React, redux-toolkit, material UI. tanstack query
  - Aggrid, google maps, casl, i18n, dropbox, react beautiful dnd, firebase
Last Position: Junior Frontend

● Fullstack Blockchain engineer and Devops

Space-fintech | **2019 - 2022**

2019-2022: Fullstack Blockchain and Devops
  - Solution delivery
  - Config, manage AWS Instance and GCP VM
  - Build CI/CD LoadBalancer, CDN, certificate DNS
  - Maintain Swap Token Follow UNISwap
  - Solution delivery Build Proxy, Exchange NFTs, Atomic constract
  - Build Express Restful API, and cors
  - Build Automatic deploy constract and crawl data from Blockchain
  - Build Login and authorization system
  - Build NFTs Market place
  - Integrate maps
  - Folder NFTs
  - Multiple languages
  - Comment and chat
+ Tools and Framework:
  - Kubernetes, HA proxy, nginx,
  - Jenkins, github actions, docker
  - ZeroSSL, NameSilo
  - Bash Script, Zsh Script
  - Ubuntu and Macos
  - Nodejs ExpressJs + MongoClient, Redis, mongoDB, Swagger, socket IO
  - ReactJS, Redux Toolkit, Floara Editor, CASL, Material UI, i18n, google maps, React query
  - web3, Infura, IPFS

Last Position: Junior Backend and Junior Devops

Education

- **Computer Science**

University of Information Technology	2017 - 2022

GPA: 2.94/4

- **Computer Science**

University of Information Technology	2017 - 2022

GPA: 2.94/4