NGUYEN PHAM HONG PHUC

Senior Software/Data Engineer

☎ +84907807115   @ hphuc.np@gmail.com   ⚲ Ho Chi Minh, Vietnam

SKILLS

LANGUAGE

Python   Erlang   Ruby

Elixir   Bash   Git

JavaScript   Java

Cypher/PSQL/SQL

ARCHITECTURE

Microservices   Kafka

DNS

DATABASE

ElasticSearch   Postgres

Neo4j   Redis   MongoDB

DEPLOYMENT

AWS   Docker   Jenkins

Docker-Compose   Nginx

Buildkite   Kubernetes

Linux

INTEGRATION

Google Ads   Tiktok Ads

AWS S3/Batch   Rest API

HTTP/HTTPS/SSL   GraphQL

SSH/SFTP   Oauth2   GRPC

SocketIO

Tools

Tmux   Vim   Emacs

VsCode   Postman/CURL

SUMMARY

I love programming, practically and theoretically and I always eager to become a better of myself. That is intelligence and passion coming along with working hard and playing fair. I engage with the outcome of my code and focus on customer needs. I also balance between short-term fix and longterm extension. Besides, I am not scared of learning new languages, new tools or new approaches if they are proved better. FYI, people love to team up with me because I am reliable and able.

EXPERIENCE

Senior Software Engineer

LEXER   📅 01/2021 - Ongoing   ⚲ Melbourne/Vietnam

Product: CDP (Customer Data Platform)
Main tech: Python 3, Ruby, ElasticSearch, Postgres, AWS

- Develop Integration part of the product (data in/out/transformation), (SFTP, Rest API, GraphQL), web scraping using regex, lxml, formatting errors
- Design and develop Google Ads Integration (Authentication Oauth2, mutate data using OfflineUserDataService) Upgrade, (help to keep million-dollar client feel happy), TikTok, Movio, Emarsys Integration
- Write unit tests integration tests (mock tests)
- Use AWS S3, Fargate, Batch, CloudWatch to monitor, debug or simulate executions
- Use Elasticsearch, Curator (index, document), Postgres, PgSQL, ActiveRecord (ORM in Ruby)
- Work with multiple data format(csv, json, binary, zipped, io stream)

Senior Software Engineer

TTEK   📅 10/2018 - 10/2021   ⚲ Vietnam/Dubai

Product: ICS, RIISE, Border Vision, Passenger Targeting System, CSI
Main tech: FastAPI, Pydantic, Spring Boot, Postgres, Neo4j, VueJs, D3, Docker

- Create graph-based product with VueJS, D3, Neo4j, big data visualization and performance enhancement techniques
- Develop web services according to micro-services architecture (Spring boot), server-sent event, socket io, kafka
- Create and Manage CI/CD system using Jenkins, Ansible, Docker, Docker-Compose, Kubernetes (Minikube, Kubeadm on Redhat 7.5), do deployments, integrations, monitoring systems
- Do API testing (using swagger UI and Postman) and debugging

Software Engineer

DEK TECHNOLOGIES VIETNAM   📅 02/2016 - 02/2016   ⚲ Vietnam

Product: SBG (Session Border Gateway) which is Security and Quality Layer of 4G Telecomunication System
Main tech: Erlang, Linux, Bash, Emacs

- Develop features using Erlang
- Test using Common Test Framework
- Use Mnesia (document-based database)

EDUCATION

Automation and Control

**VIETNAM NATIONAL UNIVERSITY - HO CHI MINH CITY
UNIVERSITY OF TECHNOLOGY**

GPA
8.55 / 10

📅 10/2011 - 2016

- Talented Engineer Program
- Graduated in top 10 out of 660 students
- Cathay Life Insurance Scholarship 2011 for the Outstanding
- Electrical and Electronics Scholarship 2014 & 2015
- Total Excellent Award 2012-2013 & 2013-2014
- I got knowledge of Computer Science, System here and C/C++ Programming Skills
- Final thesis about Iris Recognition

Physics

Ben Tre High School for Gifted Students

GPA
9.0 / 10

📅 07/2008 - 2011

- Gold Medal in National Olympic 30/4 in Physics in 2009
- The first Prize in Province Excellent Students Examination in Physics in 2010
- The first Prize and Gold Medal in National Casio Computer-based Problem Solving
  Tests for Gifted Students in Physics 2010
- Truong Vinh Ky Scholarship in 2010 and 2011
- Odon Vallet Scholarship 2010 for Outstanding high school students
- The third Prize in Nation Excellent Students Examination in Physics in 2010

TRAINING / COURSES

**Machine Learning With Python
Foundations**
LinkedIn Learning

Elasticsearch Essential Training
LinkedIn Learning

**AWS Certification Preparation
Guide**
A Cloud Guru

Learn Go
Codacademy

CERTIFICATION

IELTS 7.0
British Council, IDP and Cambridge University

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