NGUYEN HOANG PHUC
19/OCT/1996

EXPERIENCES

Present | 11/2019

Software Development Engineer
Viettel High Technology Industries Corporation ⬜ Hanoi, Vietnam
- Work with NFV Management and Orchestration System, is a key element of the ETSI network functions virtualization (NFV) architecture.

Present | 06/2020

Mobile Application Developer
ASPIRED ⬜ Palo Alto, California, U.S
- Develop mobile app Aspired on cross-platform Flutter. Aspired is a Social, E-commerce application which connects the dots between people and non-profit organizations.

10/2019 | 09/2018

Software Engineer
SAMSUNG Mobile Vietnam R&D Center ⬜ Ha Noi, Vietnam
- SAMSUNG Talent Program.

PROJECTS

Present | 11/2019

NFV Management and Orchestration System
Micro-services
- Implement Clustering mechanism for micro-services using Raft Consensus Protocol/Algorithm.
- Develop a micro-service to manage the whole other micro-services in system, using Jenkins and Kubernetes to deploy micro-services running on container, support managing micro-services on Canary Update.
- Setup and implement messaging broker RabbitMQ to keep messages at a safe place to live until consumer received.
- Research and migrate micro-services from Java server to serverless by using GraalVM (version CE and EE - profiling, agent tracing) to build native-image with zero startup timing.
- Research about NETCONF to manage configurations of physical network function.
- Handle feature reporting performance metric collected by Prometheus, implement query by PromQL.

Present | 06/2020

The Aspired
Social, E-commerce Application
- Available on App Store & CH Play
- Technologies: Flutter, Testflight, Google Cloud Platform, Material Design, User Interface Guideline.

10/2019 | 09/2018

Samsung My Files
File Manager
- Available on CH Play
- Develop SAMSUNG MyFiles Application on Android P/Q/R platform.
- Technologies: Databinding, Livedata, Room Persistence, View Model, MVP, Clean Architecture.

EDUCATION & AWARD

11/2020

Mobile Application UI/UX Design
Capi Creative Agency ⬜ Hanoi, Vietnam
- Certificate

2018

Application of Algorithm Certificate
Samsung Electronics Vietnam ⬜ SAMSUNG Lab
- Certificate

02/2018

TOEIC Certificate
IIG Vietnam ⬜ Hanoi, Vietnam
- Score: 585/990

2017

SAMSUNG Talent Program
SAMSUNG Vietnam Mobile R&D Center ⬜ Hanoi, Vietnam
- Scholarship

CONTACT INFO

Hanoi, Vietnam

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nguyenhoangphuc.ptit@gmail.com

SKILLS

Languages:
Java (Backend)
Dart (Flutter)
Java (Android)

Frameworks & Tools:
Project Reactor
Quarkus
Spring Webflux
Spring Cloud Config
GraalVM
Rabbit MQ
Google Cloud Platform
Kubernetes
Prometheus
Jenkins
Git

Architectures:
Clean Architecture
Micro-services

Coding style:
Reactive Programming
SOLID
OOP

Databases:
Mongo DB
Firebase Cloud Firestore
SQLite
SQL Server

Others:
UX/UI
Unit Test

HOBBIES

Pro Evolution Soccer
League Of Legends

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*Created by **Nguyen Hoang Phuc***

2018
|
2014

Engineer's Degree
Post and Telecommunications Institute of Technology

Hanoi, Vietnam

• Major: Software Engineering