HOANG MINH THANH
Software Engineer

📱 +849 1347 2506 ✉ hmthanhgm@gmail.com

🌐 **www.hmthanh.github.io** in linkedin.com/in/hmthanh ○ github.com/hmthanh

Summary: I'm graduated from University of Science, have solid background knowledge about Object-oriented Programming Algorithm and Data Structure. Proficient Python, C++, experience in Web Development, AWS, a bit of DevOps. With over 2^{year} working in industry as software engineer, an enthusiastic about coding, I willing to devote all productive time and effort to work.

📚 EDUCATION

Ho Chi Minh City, Vietnam   **VNU-HCM, University of Science**   **Sep. 2018 – Sep. 2020**
- Bachelor in Computer Science (GPA : 8.22) - Thesis : Link Prediction in Knowledge Graph (9.5/10)

⚒ SKILLS

1. KNOWLEDGE & CONCEPT
- Background: Solid Data structure and Algorithm, OOP, Design Pattern
- English: proficient English for working communication, ability to self-study and research
- Strong AWS: EC2, Route53, S3, Kinesis, DynamoDB, Elasticsearch, boto3, cost optimization, …
- Agile working model, versioning tools (git & GitHub); onsite-offshore working model

2. LANGUAGE & FRAMEWORK
- Strong Python: 3^{year} working experience, (Django, numpy, tensorflow, matplotlib on Colab, kaggle)
- C/C++ (2^{year} in university); Java; Express NodeJS; ready working with Golang
- Front-end: HTML, CSS, Bootstrap, ajax, axios, jQuery, …; ReactJS (React Hook, redux, router, …)
- Database: experience with SQL (MySQL, MSSQL), NoSQL (DynamoDB, MongoDB)
- Network: SSL, bind9, port forwarding, network interface, revert proxy, telnet, tracert…; nginx
- Linux: fluency cmd & folder, Ubuntu, Centos 8; MobaXterm, bash script, experience with VMware ESXi
- DevOps: CI/CD, Jenkins (BlueOcean, Slave Node), Jira, Gitlab, log tracing, troubleshooting
- Proficient Terraform, Docker; experience with Kubernetes
- A bit of encryption: public/private key, SHA256, RSA
- Other: Deep Learning, jekyll blog, Heroku, Graphic tools (Photoshop, AE, Premiere)

💼 WORK EXPERIENCES AND PROJECT

VNU-HCM, University of Science   **Sep. 2012 ~.~ Sep. 2020**
- BietDoiSieuLapLanh: make it even before learning how to code a website.
- Caro Terminator: Basic AI game base on Min-max algorithm on Window Phone
- Thuxinh: PHP website written based on what I 've learn in university
- Pucca Runner (play): unity game base on Dijkstra algorithm
- Banking System: develop from scratch a banking system to transfer money with RSA, PGP signature

XEP Outsource Company (ASP.NET Web Developer)   **2018 - 2019**
- Commercial website: Customize Database, Develop absolute both front-end and back-end a commercial website

Rakumo Inc. (Python Back-end)   **2019 - 2020**
- Django Web: working with Japanese customer to developer back-office website feature.

FPT Software (DevOps Internal Training).   **Oct. 2020 – March. 2021**
- Setup CI/CD Jenkins pipeline for Java Maven project. CI/CD, nginx, Kubernetes, docker

FPT Software (AWS Data Software Engineer).   **March. 2021 – Present**
- Working daily directly with US customer to develop data system. Technology: AWS Service (boto3, Lambda, Glue, Elasticsearch, DynamoDB, CloudWatch, Kinesis,…), terraform, Docker, Jenkins, Rally…

⬗ CERTIFICATIONS

- Support Student Examination Certification   **Aug 2014 – Oct 2014**
- Emotion Recognition Certification - HCMUS   **Nov. 2019**
- Coursera: Design Pattern, TensorFlow Developer Professional Certificate **2020 - 2021**
- **AWS:** AWS Certified Solutions Architect – Associate   **June 2021**
- **FPT Training:** Solution Architect Certificate   **July 2021**

⚜ HONORS & AWARDS

- **Incentive** Award in The Good Chemistry District Student Contest   **2009**
- **Second Round** Thach Thuc, Faculty of Information Technology, HCMUS   **2013, 2014**
- Summer Course Machine Learning - HCMUS   **Oct. 2019**
- **Golden level**$^{C++, Problem Solving}$; Bronze level^{Python} in HackerRank