# PHUONG TANG (PATRICK)

## Senior Software Engineer

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## ABOUT ME

Experienced Software Engineering with over 10+ years of expertise in software engineering for many industries. Easily communicates complex technical requirements to non-technical stakeholders. Excellent leadership record of leading development teams in enterprise-wide development projects. Seeking a Technical Architect/Principle Software Engineer role to expand my engineer career and thrive in an environment that requires independent problem-solving skills and focus under short deadlines.

## EXPERIENCE

### Senior Software Engineer

**Axon Enterprise**

📅 Sep 2021 – Ongoing 📍 Ho Chi Minh, Vietnam

**Tech Stack**: Java/Scala, C#.NET, Go Lang, Node.js/TypeScript, ReactJs

- Leading On-premise solution of Axon Evidence Platform for cross-platform support over 2000 cameras, electrical gun real time devices per instance for 700 customers over world.
- Migrating & development core system of Axon Evidence Management System to Axon Layer Stack technology.

### Digital Transformation Manager

**Colgate Palmolive**

📅 Mar 2020 – Aug 2021 📍 Binh Duong, Vietnam

**Tech Stack**: C#.NET, ASP.NET Core, GraphQL, AppScript, Python, VueJs

- Leading Digital Team to build up Digital Transformation Strategy from Global E2E 2025 Strategy with saving target 2 million dollar in 2025.
- Development Paperless System with portal application for 2000+ workers in shop-floor with network bandwidth limited align with Data Consistent policy from global.
- Design & implement IoT System to support saving cost for factory operation from 1500 machines.
- Roll-out team member for Smart Factory Standard. Develop protocol, audit & training for global manager team.
- Researching & implement Predictive Maintained System.
- Lead as Data Scientist & build Data Culture with Data Driven Decision strategy from Global.

### Technical Architect

**Omnicasa Software Solutions**

📅 Apr 2015 – Mar 2020 📍 Ho Chi Minh, Vietnam

**Tech Stack**: Node.js/TypeScript/HapiJS, ASP.NET Core, Rust Lang, ReactJs

- Successfully develop & operate large scale Hybrid Cloud Storage handling over 30k+/second request for assert of real estate management. Support other integrated services: Picture processing, office online, OAuth2, Elasticsearch....
- Lead mobile team with 5+ member. Delivery full offline first mobile application can sync with large database over 300 tables and over 100 million records per database instance.

## LIFE PHILOSOPHY

*"Keep moving forward. That's how winning is done!"*

## MOST PROUD OF

📈 **New Ocean Information System's Growth**
from 2 people to 40 employees after 5 years reach 8 billions VND income

🏆 **Courage I had**
lead a team in many culture/level work to reach saving cost target at Colgate

⭐ **Recognition I had**
the best .NET legacy system migration in Axon

## STRENGTHS

Startup Spirit | Hard-working (16/24)

Motivator & Leader | Persuasive

Adversity Quotient

Cross Platform & Languages

Mobile Devices & Applications

System Design & Implementation

## TECHNOLOGIES

- Node.js/TypeScript, C# .NET FX/Core, Java, Python, C/C++, Rust
- DevOps: CI/CD (TeamCity), Elasticsearch, Minio, Redis, Mongo, Terraform, AWS
- BigDat&IoT: Apache Spark, InfluxDB, Grafana, GrayLog
- Virtualization: Docker, Kubernetes

## EDUCATION

### C.S. in Computer Science

**University of Science**

📅 Sep 2005 – Jun 2008 📍 Ho Chi Minh, VN

### B.S. in Computer Science

**Posts and Telecommunications Institute of Technology**

📅 Oct 2009 – Jun 2011 📍 Ho Chi Minh, VN

- Deployment & implement in-house database synchronization solution for offline app with database notification service in Rust handling over 100 database instances in extremely real-time.
- Successfully implement & deploy IAM in-house services for Desktop App, Web App, Mobile App support 99.98% percentage available.

## Technical Lead
### New Ocean Information System

📅 Apr 2009 – Apr 2015      📍 Ho Chi Minh, Vietnam

**Tech Stack**: C/C++, Boost/POCO, C#, Node.Js/HapiJS, AngularJs

- Successfully delivery over 10 projects (Vision, Batch, HMI, SCADA, Automation System) for many FMCG customer: Procter & Gamble, Pepsi, Unilever, Heineken, Vinamilk, Amway, Nestle.
- Lead technical software team over 20 members both network/system/web development from UK, US customers with over 30 small to medium projects.
- Provide outstanding technical support to clients, leading strategy, planing, coaching to win over 30 projects as startup company in Elance market (top 20).

## Software Engineer
### TMA Solutions

📅 Apr 2008 – Apr 2009      📍 Ho Chi Minh, Vietnam

**Tech Stack**: C/C++, IPSec

- Sustaining the SHASTA 5500 Border Gateway developed by Nortel Network fix over 10 critical issues and developed 5 hot patches in 3 months.
- Fixing bugs and develops new features for IPSec Testing Tool Quich-Sec32 support over 100 features for new product.
- Sustaining the Security Routers developed by ReefPoint System implement IPSec & 3G protocol features.