

## Anh-Vu Nguyen – Solution IT Architect

Solution IT Architect with over 20 years of leadership experience in designing innovative business solutions. I help customers find their way to the optimal solution and deliver amazing experiences and applications.

Skilled in Cloud Computing, Information Management, Application Development, Network, Security, Infrastructure and Virtualization. I prepare companies for Digital Transformation, Cloud migration, Secure networks, and Data encryption.

During my career, I have delivered several projects for integration, sales, collections and business user experience. Comfortable with analyzing and understanding data and processes. To the challenges of budget or incomplete requirements, I bring the focus on users, delivering big value in all packages and in timely manner.

### Personal data

<b>Phone : +32 489 88 22 65</b>	<b>E-Mail : anhvu.nguyen@pm.me</b>
Born in Vietnam	Living in Leuven
French Citizenship	Mobility : Car and public transport
Languages : English & French	Website : www.anhvu.fr

### Education & Certifications

2019 – TOGAF 9 Certified  
2008 – Master Sciences & Technologies (EPITA Paris)  
2007 – Fortinet FCNSA & FCNSE  
2006 – CipherTrust Ironmail  
2005 – McAfee Intrushield  
2004 – NetForensics SIEM, Arkoon ACSA & ACSE, Betrusted  
2003 – Cisco CCNA  
2002 – Sun Micro Systems SA-238  
2001 – ISO 27001 training  
1998 – Bachelor degree Photography & Digital Media (University Paris 8)

### Core Skills

**Architecture** : TOGAF, ITIL, eTOM, Business Analysis, UMD modeling, Prince2, Scum Master  
**Firewall** : Checkpoint, Fortinet, Cisco Pix, Juniper SRX, Palo Alto, F5 Big-IP LTM, Arkoon  
**Network** : OSPF, BGP, MPLS, HFC Docsis, Cisco, Juniper, Nokia, Infoblox, Efficient IP, HP  
**IDS/IPS** : Snort, McAfee Intrushield, NG Sniffer, Wireshark  
**Cloud Computing** : Azure, Kubernetes, Docker, AWS, VMWare & Simplivity  
**Protocols** : TCP/IP, IPSEC, FTP, SSL/TSL, DHCP, DNS  
**Operating Systems** : Windows Server, Linux OS (Red Hat, Debian, Ubuntu)  
**Databases** : MySQL, MS SQL Server, Hadoop, Couchbase  
**Tools** : ElasticSearch, Zabbix, MRTG, Nagios, NetForensics, WhatsUp, HP OpenView

### Soft Skills

- ❖ **Work Ethic**
- ❖ **Creativity**
- ❖ **Flexibility & Adaptability**
- ❖ **Problem Solving**
- ❖ **Communication**
- ❖ **Self-Awareness**
- ❖ **Teamwork**
- ❖ **Leadership**
- ❖ **Time Management**
- ❖ **Negotiation**

## What I Do

<b>Architecture &amp; TOGAF</b> I analyze and define a long-term vision and business strategy for companies. I determine system architecture requirements to achieve business goals. I gather detailed business requirements and use cases, and translate technical specifications into product requirements. I'm a pivot in architecture governance, as I can either talk with technical expert and with end-users.	<b>Service Oriented Architecture</b> I define best practices and processes to use in supporting the design and implementation of SOA-based applications in existing infrastructure. I use different interaction models including resource-oriented, method-oriented, or event driven.
<b>Business Analysis</b> I identify business needs and I develop solutions to fulfill the requirements. I create a development plan and I put that plan in action. I break down big picture into manageable packages. I allocate the proper resources for each situation.	<b>Web Application Development</b> Skilled in Server Side Scripting and Coding, I define the guidelines and libraries that are used for development. I maintain a consistent documentation, and deliver better readability and understanding of the source code.
<b>Project Management</b> I achieve a goal in timely and costly manner. I define and clarify the project scope. I ease the communication between each actor. I remove impediment, or I mitigate its effects. I assess the resources and allocate the right tasks. I control the budget and the timeline for each package.	<b>Infrastructure Management</b> I achieve overall effectiveness of IT processes, policies, data, human resources, equipment and applications. Using monitoring tools, I help to make the smarter IT decisions, I prevent disasters, I improve user experience, I reduce operational costs.
<b>Global IT Knowledge</b> I'm curious and resourceful. I like to learn and make new stuffs. Even if I have a long and rich experience, I'm still amazed by my job every day.	<b>A keen eye for detail</b> I do research and study my sources, so I check all data. I write down my work in documentation, then I can share it with my teammates. I continuously improve the documentation and reference documents.

## Experience

<b>Company</b>	<b>Voo SA (Brussels, Belgium)</b>
Period	Jan. 2019 – Oct. 2019
Role	Enterprise Architect (independent)
Scope	<ul style="list-style-type: none"><li>▪ I capture, analyze, decompose, model and create requirements for systems, products or sub-systems of moderate to high complexity</li><li>▪ I create process maps, document the AS-IS state in the business and building relationships with key business owners to help drive change</li><li>▪ I perform gap analysis with target solution, conduct feasibility studies and leverage lean techniques</li><li>▪ I work with the team to develop statement of works and vendor contracts</li><li>▪ I explain project objectives and expectations to business owners and IT partner</li></ul>
Objectives	<ul style="list-style-type: none"><li>▪ Map the landscape of the legacy systems</li><li>▪ Support digital transformation</li></ul>
Deliverables	<ul style="list-style-type: none"><li>▪ HLD and LLD documentation</li><li>▪ API and interface specifications</li><li>▪ Data Model</li><li>▪ GAP and Risk analysis</li><li>▪ Transition and Migration Plan</li></ul>
Technologies & Frameworks	<ul style="list-style-type: none"><li>▪ TOGAF</li><li>▪ TM Forum eTOM</li><li>▪ WhaleCloud Zsmart, Ni2 framework, Cisco, Checkpoint, Fortinet, Azure Cloud</li></ul>

<b>Company</b>	<b>Orange Belgium (Brussels, Belgium)</b>
Period	Sep. 2017 – Dec. 2018
Role	Solution Architect (independent)
Scope	<ul style="list-style-type: none"><li>▪ I determine the strengths and weaknesses of current operations with the intention of improving or automating processes</li><li>▪ I translate business requirements into designs and technical specifications</li><li>▪ I have a strong API and integration project experience</li><li>▪ I implement data quality and master data management services, I ensure data integrity and develop procedures for increasing data quality</li><li>▪ I communicate the progress of the projects back to the business at regular meetings</li></ul>
Objectives	<ul style="list-style-type: none"><li>▪ Build-up network tools for back office team</li><li>▪ Create network data assets and ensure data quality</li></ul>
Deliverables	<ul style="list-style-type: none"><li>▪ Business and Process Requirements document</li><li>▪ HLD and LLD document</li><li>▪ Migration plan</li></ul>
Technologies & Frameworks	<ul style="list-style-type: none"><li>▪ TOGAF, Prince2, TM Forum eTOM, ITIL</li><li>▪ HFC network, Docsis, Checkpoint, Fortinet, VPN, MPLS, Hadoop, Kafka, ElasticSearch, Agama, Zappware, Tucano, Mediation</li></ul>

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<b>Company</b>	<b>Ergo Insurance (Brussels, Belgium)</b>
Period	Apr. 2017 – Aug. 2017
Role	Infrastructure Auditor (independent)
Scope	<ul style="list-style-type: none"> <li>▪ I plan, lead, execute and complete assigned projects within the time, scope and budget negotiated with the client</li> <li>▪ I assess current system capabilities and put together workflow charts and diagrams</li> <li>▪ I perform long-term analysis and investigate network activity</li> <li>▪ I gather information and disseminate to business owners</li> <li>▪ I have the ability to work across project teams and communicate at all levels to ensure projects are running smoothly</li> </ul>
Objectives	<ul style="list-style-type: none"> <li>▪ Provide a clear AS-IS landscape</li> <li>▪ Provide consolidation plan and migration plan regarding target solution</li> </ul>
Deliverables	<ul style="list-style-type: none"> <li>▪ Functional map</li> <li>▪ Network map</li> <li>▪ Security policy</li> <li>▪ Update AS-IS documentation</li> </ul>
Technologies & Frameworks	<ul style="list-style-type: none"> <li>▪ Prince2 and ITIL</li> <li>▪ Juniper, Checkpoint, Palo Alto, Fortinet, Cisco, F5, VPN SSL, double-factor authentication, Simplivity, private cloud, VmWare, MPLS</li> </ul>

<b>Company</b>	<b>Red DoorZ</b>
Period	Feb. 2015 – Dec. 2016
Role	Solution Architect (independent)
Scope	<ul style="list-style-type: none"> <li>▪ I am the Single Point of Contact for various working groups</li> <li>▪ I elicit requirements and understand needs with key business owners in operations, finance and technology through one on one interviews and workshops</li> <li>▪ I express ideas clearly, concisely, logically, and persuasively both verbally and in writing</li> <li>▪ I ensure resources and equipment are available</li> <li>▪ I create and review of reports and project documentation</li> </ul>
Objectives	<ul style="list-style-type: none"> <li>▪ Link all remote hotels to headquarter</li> <li>▪ Enabling real-time booking capacity</li> </ul>
Deliverables	<ul style="list-style-type: none"> <li>▪ HLD and LLD documents</li> <li>▪ Implementation plan</li> <li>▪ Operations procedures</li> <li>▪ Training material</li> </ul>
Technologies & Frameworks	<ul style="list-style-type: none"> <li>▪ ITIL, Prince2</li> <li>▪ Fortinet, VPN IPSEC/SSL, VmWare</li> </ul>

<b>Company</b>	<b>Master Liveboards (Phuket, Thailand)</b>
Period	Jun. 2012 – May 2014
Role	Technical Support Manager (employee)
Scope	<ul style="list-style-type: none"> <li>▪ I install and configure marine navigation hardware and software system</li> <li>▪ I establish disaster recovery procedures and conduct breach of security drills</li> <li>▪ I ensure all teammates have access to the IT system limited by need and role</li> <li>▪ I test new technology and product</li> <li>▪ I act as a mentor to more junior engineers in additional areas including project planning and execution</li> </ul>
Objectives	<ul style="list-style-type: none"> <li>▪ Support operations 24/7</li> <li>▪ Manage monitoring, maintenance and upgrade of navigation system</li> </ul>
Deliverables	<ul style="list-style-type: none"> <li>▪ Operation procedures</li> <li>▪ Training material</li> </ul>
Technologies & Frameworks	<ul style="list-style-type: none"> <li>▪ ITIL</li> <li>▪ Fortinet, VPN, Cisco</li> </ul>

<b>Company</b>	<b>Efficient IP (Paris, France)</b>
Period	Nov. 2011 – May 2012
Role	Solution Architect (Independent)
Scope	<ul style="list-style-type: none"> <li>▪ I understand complex technical environments and manage them within a fast-paced business environment</li> <li>▪ I liaise with experts to implement customized solutions</li> <li>▪ I attend meetings with clients, presenting solutions and conducting reviews to ensure client's business requirements are met</li> <li>▪ I ensure project adheres to agreed schedule and budget</li> <li>▪ I provide support to development of training material, participate in the implementation, and provide post-implementation support</li> </ul>
Objectives	<ul style="list-style-type: none"> <li>▪ Implementing an unified IPAM and preventing inconsistencies with the actual business processes</li> <li>▪ Create a product portfolio for French market</li> </ul>
Deliverables	<ul style="list-style-type: none"> <li>▪ End-2-End design</li> <li>▪ HLD document</li> <li>▪ Training material</li> </ul>
Technologies & Frameworks	<ul style="list-style-type: none"> <li>▪ ITIL, ISO 27001</li> <li>▪ Juniper, Cisco, Huawei, Checkpoint, Infoblox, Fortinet, F5, Bluecoat</li> </ul>

<b>Company</b>	<b>SFR Group (Paris, France)</b>
Period	Aug. 2005 – Oct. 2011
Role	Network & Security Engineer (employee)
Scope	<ul style="list-style-type: none"> <li>▪ I support commercial teams for functional and technical E2E solutions</li> <li>▪ I design and implement solutions and/or improve the efficiency of current networks</li> <li>▪ I liaise with vendors, assess implications of change and apply appropriate solutions after comprehensive testing before making changes to the production environment</li> <li>▪ I identify current and emerging technology issues including security trends, vulnerabilities and threats</li> <li>▪ I create documentation and process maps and working on a range of projects simultaneously</li> </ul>
Objectives	<ul style="list-style-type: none"> <li>▪ Lead a technical assessment for a blade servers and cloud computing technology</li> <li>▪ Deliver client projects</li> </ul>
Deliverables	<ul style="list-style-type: none"> <li>▪ End-2-end solution design</li> <li>▪ Reference design document (business, non-functional and technical requirements)</li> </ul>
Technologies & Frameworks	<ul style="list-style-type: none"> <li>▪ ITIL, IPShere, TeleManagement Forum, ISO27001</li> <li>▪ Checkpoint, Juniper, Fortinet, Cisco, Huawei, VMWare, VPN, VRF, SSL, MPLS</li> </ul>

<b>Company</b>	<b>Thales Group (Paris, France)</b>
Period	Sep. 2001 – Aug. 2005
Role	Network & Security Engineer (employee)
Scope	<ul style="list-style-type: none"> <li>▪ I manage the design, deployment, hardening, monitoring, maintenance, upgrade and support of all IT systems including associated hardware, software and peripherals : firewalls, servers, routing, switching, VPN and IDS/IPS</li> <li>▪ I support managed client systems by providing level 3 escalation support to Managed Services Technical Consultants as required</li> <li>▪ I contribute to the implementation of security tools, architecture and standards</li> <li>▪ I conduct proactive research to analyze security weaknesses and recommend appropriate strategies</li> </ul>
Objectives	<ul style="list-style-type: none"> <li>▪ Build-up a SOC</li> <li>▪ Create a services management portfolio</li> </ul>
Deliverables	<ul style="list-style-type: none"> <li>▪ LLD document</li> <li>▪ Operations procedures</li> </ul>
Technologies & Frameworks	<ul style="list-style-type: none"> <li>▪ ITIL, ISO 27001</li> <li>▪ Cisco Checkpoint, Nokia, Red Hat, HP, PKI, Data encryption, VPN</li> </ul>