

# CURRICULUM VITAE

## PERSONAL INFORMATION

Full Name: Nguyễn Tân Dân  
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Marital Status: Single



## SKILLS

- **Mobile:** iOS (Objective C, Swift), Android (Java, Kotlin), React Native
- **Front-End:** HTML, CSS, SASS, JavaScript, jQuery, Bootstrap, PhoneGap, ReactJS, TypeScript, Angular
- **Back-End:** Java (Maven, JUnit, SWING, Servlets, JSP, JDBC, EJB, JPA, Hibernate, Spring MVC), Node.js (NPM, Yarn, Nodemon, Promise & Async – Await, express, ejs, body-parser, multer, bcrypt, express-session, jsonwebtoken, cookie-parser, eslint, webpack, socket.io, reload, request, typescript, mongoose, mocha, supertest), .NET (EF, LINQ, WCF, WPF, ASP.NET MVC, NUnit), Python (Threading, SAX, urllib, json, sqlite3, tkinter, pygame, pdb, unittest, Django)
- **Testing:** Selenium, Apache POI, Log4j, TestNG, JMeter, Cucumber, Appium, Rest-Assured, Robot Framework
- **Database:** MySQL, SQL Server, Oracle, PostgreSQL, SQLite, MongoDB
- **Linux:** OpenLDAP, bind., dhcp, Samba, ProFTPD/Vsftpd, MailPostfix/Zimbra, Apache/Nginx, HeartBeat/Haproxy, OpenVPN, Zabbix/Nagios/Cacti, Squid, Snort, iptables, Asterisk.
- **Window:** Active Directory, Exchange, Sharepoint, Lync, SystemCenter, Office 365, ISA/ForeFrontTMG
- **Virtualization:** VMware-ESXi, Microsoft-HyperV, Nutanix-AHV, Oracle-VirtualBox, Docker
- **Cloud Computing:** Amazon Web Services, Microsoft Azure, OpenStack
- **Network:** VLAN, Trunking, STP, EtherChannel, HSRP, VRRP, Static routing, RIP, OSPF, IS-IS, MPLS, WLAN, VoIP
- **Security:** VPN, SSL, IPsec, IDP, 802.1x, Captive Portal
- **IDE:** Android Studio, Xcode, NetBeans, Visual Studio, VS Code, Eclipse, PyCharm, IntelliJ IDEA
- **Tools:** Git, Jenkins, JIRA, WordPress. SEO
- **Foreign Languages:** English (Good at writing and reading)
- **Soft Skills:** Communication, Teamwork, Presentation

## EXPERIENCE

**January 2016 – now: Infonam Inc.**

### **Role: Full Stack Engineer**

#### **RPM (Revenue Performance Management)**

- **Description:** A portal which gives laboratories and radiology providers the ability to take control of their billing operations and financial performance. RPM is much more than a laboratory billing system. it's a full-fledged Revenue Performance Management solution that helps laboratories optimize their billing. Be responsible for migrating more than 52 big screens from old system to new one which using new technologies.
- **Responsibilities:**
  - Task management, Code reviewing
  - Perform various software development tasks
  - Create unit test
  - Deployment.
- **Accomplishments:**
  - The system was deployed in many hospital in the US.
- **Technologies:** J2EE, Java, JSP, Spring, JPA, Hibernate, Multi-tenant Data Source, JSON, Ajax, JavaScript, jQuery, JQgrid, Single Sign-On (SSO), Oracle DBMS, Tomcat Server.

#### **Enterprise Document Engine**

- **Description:** An engine that support for uploading, splitting medical documents into the enterprise document management system.
- **Responsibilities:**
  - Task management, Code reviewing
  - Perform various software development tasks
  - Create unit test
  - Deployment.
- **Accomplishments:**
  - The system was deployed in many hospital in the US.
- **Technologies:** Java, Spring, Hibernate, JSON, Oracle DBMS.

#### **Enterprise Document Management**

- **Description:** The system that support for uploading and managing medical documentation. Providing online secure file sharing of stored content that may be integrated with other applications..

- **Responsibilities:**
  - Task management, Code reviewing
  - Perform various software development tasks
  - Create unit test
  - Deployment.
- **Accomplishments:**
  - The system was deployed in many hospital in the US.
- **Technologies:** J2EE, Java, JSP, Spring, JPA, Hibernate, Multi-tenant Data Source, JSON, Ajax, JavaScript, jQuery, JQgrid, Single Sign-On (SSO), Oracle DBMS, Tomcat Server.

#### **Client Portal**

- **Description:** A client portal is an ideal way to interact with client physicians and laboratories. It allows them to self-service, gaining immediate access to test, pricing, and eligibility information.
- **Responsibilities:**
  - Task management, Code reviewing
  - Perform various software development tasks
  - Create unit test
  - Deployment.
- **Accomplishments:**
  - The system was deployed in many hospital in the US.
- **Technologies:** Java, Spring framework, Hibernate, JSON, Ajax, JavaScript, AngularJS, jQuery, JQgrid, RESTful Web Service APIs, Oracle DBMS, Tomcat server.

#### **Patient Portal**

- **Description:** The Patient Portal is a portal where you can enhance patient-provider communication, improve patient payment, reduce administrative overhead.
- **Responsibilities:**
  - Perform various software development tasks
  - Create unit test
  - Deployment.
- **Accomplishments:**
  - The system was deployed in many hospital in the US.
- **Technologies:** J2EE, Java, JSP, Spring, JPA, Hibernate, Multi-tenant Data Source, JSON, Ajax, JavaScript, jQuery, JQgrid, Single Sign-On (SSO), Oracle DBMS, Tomcat Server.

## **January 2014 – December 2015: Infonam Inc.**

### **Role: Quality Control Engineer**

- **Description:** Zebra new technologies, products and services are being deployed that incorporate the use of RF energy. These include radio networks and devices for RF identification technology for logistics management, low-power access points to boost network availability in businesses, and LTE and Wi-Fi products. These technologies often use radio waves to operate and must meet the same or similar exposure guidelines as existing wireless products.
- **Responsibilities:**
  - Perform manual testing wireless connection, authentication, encryption and others related features: WEP, WPA/WPA2 Personal, WPA/WPA2 Enterprise, 802.1x with many kinds of Radius server, features: Captive Portal, Client Bridge ...
  - Perform testing activities: Investigate testing requirements, run the test, monitor and review the test results, and create the test report.
  - Perform manual testing features of Zebra products: Controller (NX9500, VX7000), Access Point (AP8232, AP8132, AP8222, AP7131, AP6562, AP6522 ...) with release build 5.8.0
  - Define Test Cases for especially are: Captive Portal, Client Bridge, VLAN, ACLs, 802.1x ...
  - Test integration with some other network devices: Cisco, Ruckus, HP ...
  - Perform new feature testing, downgrade/upgrade, verify defects, and provide inputs for product development.
  - Build test lab: setup servers (SNMP, DNS, DHCP, netflow ...), configure L2-L3 devices, setup and manage testing machines, install and manage Axon chassis.
  - Bug control: create, monitor and verify bugs.
  - Reports: daily, weekly reports.
- **Technologies:**
  - Wireless devices (Cisco, Ruckus ...), especially Zebra devices.
  - Network devices: Cisco, 3com, Buffalo, Netgear ...
  - Management system tools: Active Directory, DHCP, DNS ...
  - AAA server: Microsoft Radius, Free Radius.

## January 2011 – December 2013: One Corporation

### Role: System Engineer

- **Description:** Setting up and troubleshooting Network System
- **Responsibilities:**
  - Support end-user's network and system problems such as: cannot print, cannot use email, cannot connect to the Internet, problems caused by virus ...
  - Troubleshooting WAN, LAN, voip system and devices: lost connection, cable problem ...
  - Maintenance, design and set up Network System. Perform monthly maintenance for PCs and servers: clean temp and unnecessary files, scan virus, defragment disks ... Investigate the location, the structure of an office to make right decision in designing network system. Set up new system or repair the system to compatible with the requirement and the budget of a customer
  - Making Technical Documents after setting up one system: the topology of the system, the information (such as the username, password, the warranty of devices ...) and the necessary notes
  - Designing network topology to meet the project's requirements. All users' permission are correct, the user are managed locally via a domain controller, set up the CA server which user can use certificate for security reason, the mobile user can use VPN to connect and access the database of the company with high security, internal users can access both the Internet the local network properly and the email have to be sent between internal and between internal and external. The connection between two sides of the company is secured and consistence. The local website is published successfully.
  - Install, configure, and maintain infrastructure servers
  - Estimating how much all the equipment cost: server, PC, network devices, cable...
  - Setting up network system with planned devices
  - Design suitable solution to migrate system on Amazon Web Services, Microsoft Azure
- **Technologies:**
  - Network devices: Cisco, Juniper, F5, PaloAlto, WatchGuard, Motorola, Ruckus, IBM, HP ...
  - Operating System: Microsoft Windows, OpenSource (CentOS, Fedora, Ubuntu, Debian, Redhat)
  - Mail Mdaemon, Microsoft Exchange
  - VoIP devices: Fonemosa, Cisco IP Phone
  - Printers, faxes devices
  - PBX system, voip system: Alcatel, Avaya
  - Leased Line
  - VPN (site-to-site VPN and Easy VPN)

## **EDUCATION**

- University of Technical Education Ho Chi Minh City
- Certification: Telecommunication Engineer

## **CERTIFICATION & TRAINING**

- System: MCSA, MCSE, VCP-5, LPI-1, LPI-2, LPI-3
- Network: CCNA, CCNP, CWNA, JNCIA, JNCIS, JNCIP
- Security: CEHv7, Security+, CCISP
- CWNA training
- Soft Skills (April 2015)