CURRICULUM VITAE

Name	**:**	**NGUYEN DUC CHINH**
Date of birth	**:**	**26 – Oct – 1984**
Place of birth	**:**	**Thanh Hoa – Viet Nam**
Gender	**:**	**Male**
Marital status	**:**	**Single**
Home address	**:**	**No.7 – C7 – Dai Kim – Hoang Mai – Ha Noi – Viet Nam**
Email	**:**	**ducchinhdl@gmail.com**
Phone number	**:**	**+849.22.44.2468**

PROFESSIONAL PROFILE

I have more than 6 years experience in Software Development that including Mobile Development – iPhone and iPad devices, Software Application – for Window, Mac and Linux, Embedded system – Using ARM.

Since 2011 I joined to Wisekey Company, in the role of iOS manager, team leader and developer to develop application for iPhone and Mac, I have responsible to manage some long-term and short-term project with partner of France, Swiss, and India which available on Apple Store and also specific customer. Our product covers some area of application: Security (WISeID), Sport (FCB Connect, Real Fan, Best Player), Company branch (GPHG, Hublot), Voice call (WisePhone Free), Social network (ShouldIBuyIt), Economy (WiseWallet),...

Since June 2010, I joined to R & D centre of MKSmart, in the role of software developer for Smart Card Operating System and application, have been leaded to be done successfully many SIM/USIM/RUIM for S-Fone, EVN Telecom, Viettel and Beeline.

Before April 2010, I had intensive experiences in real-time system and device driver development when worked for 2 companies with 07 projects, in which, worked as Developer for 04 projects and Team Leader for 03 projects. The first, R & D department of CRETechnology – Porting, low driver & programming for Generation Controller using microcontroller of NXP & Siemens. The second, Toshiba Software Development VietNam (TSDV) – Build system, customize SQLite embedded database & develop application on Linux.

Have experience in software development process: Create checklist for each release, review: Project plan, project estimation, project requirements – Architecture/Detail Design,Test Plan/Test Case/Test Report – Project Report, for each project

Have experience working in an agile development environment

Good Object Oriented Programming, Design Pattern and Model View Controller

Have a good thinking ability, can approach and resolve problem. Have a good ability to analysis business problem, carry out the solution and work collaborative.

Good communication and interpersonal skill also have the necessary technical and project management experience

Have a strong passion for learning and adapting to new technology

SKILLS & CORE COMPETECIES

Technical Skills: **Database**: SQLite, Core Data, Oracle, SQLServer, Access, MySQL **Operating System**: MAC OSX, LINUX, Windows 2000/NT/9x **Programming languages:** Objective C, C/C++, VB/VC, .NET, Java, PL/SQL, XML, UML. **Organizational Skills:** In the role team leader, product manager, I have ability to work independently and manage time and prioritize tasks so that efficiency and effectiveness could be maintained in order to delivery all key objectives in a timely manner.	**Forward Thinker:** In daily working often to show the fast, active & creative learner and the eagerness to learn has enabled one to approach tasks with an open mind and a 'how to do it better' attitude. **Foreign Language:** **Vietnamese:** Native **English:** Fluent **France:** Fair

EDUCATION HISTORY

From: 09/2002 To: 07/2007	University/School: Hanoi University of Technology, Vietnam Degree/Qualifications: Automation Electronics

EMPLOYMENT HISTORY

From: 2011 To: Present	Company: Wisekey Website: www. http://wisekey.com/ Address: 19th floor, Trung Yen 1 Building, Trung Hoa Str., Cau Giay Dist., Hanoi, Vietnam Job Title: Product Manager, Team Leader Job Description: Manage all long-term and short-term iOS project of WISeKey, and an product across platform.
From: 06/2010 To: 2011	Company: MKSmart Website: www.mksmart.com.vn / www.mksmart.com Address: 12th floor, TTC Building, Duy Tan Str., Cau Giay Dist., Hanoi, Vietnam Job Title: Software Developer – MKSmart R&D Center Job Description: Deploy smart card project including SIM/USIM/RUIM for telecommunication and EMV for banking, research NFC
From: 05/2009 To: 06/2010	Company: Lentus Electronic Website: http://www.lentus.com.vn Address: 9th Floor, 789A Building, My Dinh, Hanoi, Vietnam Job Title: Developer/Team Leader – CRETechnology R&D Center Job Description: Manage embedded project for Generator controller

From: 06/2007	Company: Toshiba Software Development Vietnam
To: 05/2009	Website: N/A
	Address: 16th Floor, VIT Building, 519 Kim Ma, Hanoi, Vietnam
	Job Title: Software Developer
	Job Description: Develop middleware, application using SQLite in Linux

REFERENCE

Mr Minh	Full Name:	Pham Tuan Minh
	Organization:	WISeKey Vietnam
	Position:	Head Office
	Address:	19th floor, TrungYen Building, Hanoi, Vietnam
	Phone:	N/A
	Email:	N/A
Mr. Quoc	Full Name:	Le Minh Quoc
	Organization:	MK Group
	Position:	CTO
	Address:	12th floor, TTC Building, Duy Tan Str., Cau Giay Dist., Hanoi, Vietnam
Mr. Duong	Full Name:	Ho Xuan Duong
	Organization:	Lentus Electronic
	Position:	Director Manager
	Address:	9th Floor, 789A Building, My Dinh, Hanoi, Vietnam
	Phone:	+84.988.710.842
	Email:	duonghx@lentus.com.vn
Ms. Thuc Anh	Full Name:	Phan Thuc Anh
	Organization:	Toshiba Software Development Vietnam
	Position:	SW Manager of Team 6
	Address:	16th Floor, VIT Building, 519 Kim Ma, Hanoi, Vietnam
	Phone:	+849.1698.207.122
	Email:	anhpt@tsdv.com.vn

SIGNATURE

I certify that the information declared above is true to the best of my knowledge and belief.

Hanoi, 30 August 2014

Signature

Nguyen Duc Chinh

APPENDIX – PROJECT REFERENCE

From: 5/2013 To: Present	Project Name:	WISeKey iOS Project, Out source project
	Company:	WISeKey
	Client:	WISeKey, eLance
	Project size:	08 - 12 men
	Position:	Product Manager, iOS Manager
	Responsibilities:	Working every day with CTO about projects and resources.
		Requirement analysis, Planning, Design, manage the issues, deadline and risk of product
		Manage the cross platform product: iOS, Android, Mac, Windows.
		Making the WBS and discuss with customer on eLance
		Manage all Apple account and iOS App on App Store.
	Project Description:	There are some project on App Store: WISeID, FCB Connect, SFV, Oracle, IFA, MEForum, WISePhone, BestPlayer, Flamengo,...
	Languages:	Objective C, C/C++
	Tools/Hardware	Xcode, Instrucment
From: 06/2012 To: 4/2013	Project Name:	WISeKey iOS Project
	Company:	WISeKey
	Client:	WISeKey
	Project size:	04 - 06 men
	Position:	iOS Team Leader
	Responsibilities:	Lead all WISeKey iOS projects
		Work with CTO to clarify requirement, planning.
		Create the solution and manage the development process
	Project Description:	There are some project on App Store: WISeID, WISeWallet, FCB Connect, GPHG, Hublot,...
	Languages:	Objective C, C/C++
	Tools/Hardware	Xcode, Instrucment

From: 2011 To: 6/2012	Project Name:	WISeKey iOS Product
	Company:	WISeKey
	Client:	WISeKey
	Project size:	02 men
	Position:	iOS Developer
	Responsibilities:	Develop iOS app.
		Work and valid the quality of some out source product: Face Recognition, OCR, and iOS project
	Project Description:	Develop WISeID iOS with India team and CTO in swiss.
	Languages:	Objective C, C/C++
	Tools/Hardware	Xcode, Instrucment
From: 09/2010 To: Present	Project Name:	The smart card application
	Company:	MKSmart
	Client:	Viettel global (Viettel, Metfone,Unitel), Beeline (G-Tel, Tigo), Sfone, Vietnamobile,..
	Project size:	01 men
	Position:	Developer, Technical
	Responsibilities:	Develop smart card application STK/DSTK, Java applet, Celltick, S@T, WIB, BIP.
		Involve project life cycle from tendering to production
		Develop Value Added Service like Multi IMSIs, extended phone, group SMS, multi languages,..
		Contact with customer for technical requirement, implement, test and resolve problem about smart card application in telecommunication provider sites.
		Support and prepare technical presentation for customer
		Develop some utilities tools regard smart card for company
	Project Description:	Develop Smart card application, java applet for SIM/USIM.
	Languages:	C, Java, XML
	Tools/Hardware	Keil, Eclipse, Smarttrust, Smart Card development tools

From: 09/2010 To: Present	Project Name:	MKCos Porting
	Company:	MKSmart
	Client:	MKSmart, Cellnetrix
	Project size:	01 men
	Position:	Developer, Technical
	Responsibilities:	Select smart card processor; customize Hardware Abstraction Layer (HAL) and porting native operating system on new chip.
		Implement ATR, file system, APDU commands and STK interpreter.
		Testing native and Java operating system in some telecommunication providers
		Research NFC technology
	Project Description:	Manage, customize and porting native operating system for GSM SIM card in ST and Samsung chip. Manage Java operating system for USIM. Those operating system can compatible with standard the GSM 11.11, GSM 11.14 and GSM 03.48, ..
		Receive CellSIM Java Card OS from Cellnetrix
	Languages:	C, Java
	Tools/Hardware	Keil, Eclipse, CALMSHINE16, CellStudio, Smart Card development tools, SAMSUNG/ST chips
From: 06/2010 To: 09/2010	Project Name:	Perso application SPMWIN
	Company:	MKSmart
	Client:	MKSmart Factory
	Project size:	04 men
	Position:	Developer, Technical
	Responsibilities:	Data management and data processing
		Develop component to write data to chip
		Control Foba printer to print barcode and information in card border.
	Project Description:	Develop the smart card production system that manages data and personalization automatically base on MPR3000 system. It is certified by SAS Security Certification
	Languages:	VC++
	Tools/Hardware	Visual Studio 6, SPMWIN
From: 02/2010 To: 06/2010	Project Name:	Logic Manager
	Company:	Lentus Electronic
	Client:	CRETechnology
	Project size:	03 men
	Position:	Team Leader
	Responsibilities:	Attend to all aspects of formal software development cycles including: Requirement analysis, design program, makes documentation, writing project plan, test plan and test case.

		Create logic & arithmetic graphic object, create graphic environment and link objects
		Make the program look like the graphic IDE with functions: Create project, save, open, compiler objects program and generate to script file
		Loading script files to Generator Controller
	Project Description:	Create application, is a programming language that represents a program by a graphical diagram based on the circuit diagrams of logic and arithmetic object.
	Languages:	Java
	Tools/Hardware:	Netbean, Gensys2.0
From: 10/2009 To: 02/2010	Project Name:	XGEN
	Company:	Lentus Electronic
	Client:	CRETechnology
	Project size:	03 men
	Position:	Team Leader
	Responsibilities:	Attend to all aspects of formal software development cycles including: Requirement analysis, design program, makes documentation, writing project plan, test plan and test case
		Write low driver
		Porting Ethernet lwip, FatFS, CAN, Modbus,..
		Measure, calculate electrical unit and control system
		Create embedded compiler.
	Project Description:	Create firmware for Generator Controller XGEN2 device which can measure inputs, control and display information. It also can control system by its embedded controller
	Languages:	C, Java
	Tools/Hardware:	Keil, ARM7
From: 07/2009 To: 10/2009	Project Name:	Remote HMI
	Company:	Lentus
	Client:	CRETechnology
	Project size:	03 men
	Position:	Team Leader
	Responsibilities:	Attend to all aspects of formal software development cycles including: Requirement analysis, design program, makes documentation, writing project plan, test plan and test case.
		Write low driver
		Porting Ethernet lwip, create DHCP and netbios, build embedded web server and Java applet.
		Design protocol to exchange data in real time
		Update firmware by Ethernet, SD card.

	Project Description:	Create another screen that interact with Gensys2.0 by Ethernet
	Languages:	C
	Tools/Hardware:	Keil, eclipse, ARM7
From: 05/2009 To: 07/2009	Project Name:	GSCADA
	Company:	Lentus
	Client:	CRETechnology
	Project size:	04 men
	Position:	Team Leader
	Responsibilities:	Attend to all aspects of formal software development cycles including: Requirement analysis, design program, makes documentation, writing project plan, test plan and test case.
		Design program to support multi communication with multi devices.
		Design protocol for configuration & data acquisition
		Build GUI, create own graphic electrical gauge like meter, dial, scale,..
		Using GNU to build java source code in Linux and Window
	Project Description:	The real time program enable the user can configuration & data acquisition for the generator controller in real time via Ethernet
	Languages:	WPF, C#
	Tools/Hardware:	Visual Studio 9.0
From: 12/2008 To: 05/2009	Project Name:	JDBC Driver
	Company:	Toshiba Software Development Vietnam
	Client:	Toshiba Japan
	Project size:	03 men
	Position:	Developer
	Responsibilities:	Attend to all aspects of formal software development cycles including: Requirement analysis, design program, makes documentation, writing project plan, test plan and test case.
		Define APIs following JDBC specification, implement almost important classes.
		Create Java Native Interface JNI to get data from C source
		Using GNU to build java/c source code in Linux and Window
		Testing following JDBC stand test tool
	Project Description:	Develop JDBC driver type 2 (Native – API driver) base SQLite
	Languages:	Java, C
	Tools/Hardware:	Eclipse, GNU
From: 07/2008 To: 12/2008	Project Name:	SQLite Client/Server API extension
	Company:	Toshiba Software Development Vietnam
	Client:	Toshiba Japan

	Project size:	02 men
	Position:	Developer
	Responsibilities:	Attend to all aspects of formal software development cycles including: Requirement analysis, design program, makes documentation, writing project plan, test plan and test case.
		Design Client/Server model following DBMS
		Create APIs for both client and server sites
		SQLite row lever locking implementation
		Execution test
	Project Description:	Develop basic Client/Server program for SQLite
	Languages:	C
	Tools/Hardware	Gedit, GNU
From: 09/2007 To: 06/2008	Project Name:	SQLite GUI Tool Phase I & II
	Company:	Toshiba Software Development Vietnam
	Client:	Toshiba Japan
	Project size:	02 men
	Position:	Developer
	Responsibilities:	Attend to all aspects of formal software development cycles including: Requirement analysis, design program, makes documentation, writing project plan, test plan and test case.
		Create GUI with almost common functionality that enable the user can interact with SQLite
		Show information & statistics memory about SQLite during execution follow graphic ways.
		Import/Export an external file (CSV, EXCEL, MDB, and XML) to/from other database file types.
		Multi language
		Execution test
	Project Description:	Develop a GUI tool that manipulates database & memory statistic of SQLite
	Languages:	VC++
	Tools/Hardware	Visual Studio 2008

INFORMATION TECHNICAL SKILLS

Experiences:	*0: 0 month*	*2: 6 – 12 months*	*4: 2 – 5 years*
	1: 1 – 6 months	*3: 1 – 2 years*	*5: > 5 years*
Last used:	*Last year used*		
Expert level:	*1: Beginner Level*	*3: Sometimes have to use manuals*	*5: Expert Level*
	2: Always have to use manuals	*4: Can solve problems*	

		Experiences	Last used	Expert level				
				1	2	3	4	5
Platform								
	Linux	4	2011			x		
	Windows	5	2011					x
Database								
	MS SQL Server	1	2007			x		
	MySQL	1	2007		x			
	Oracle	1	2008			x		
	SQLite	3	2009					x
Programming								
	Assembler	1	2005		x			
	C#.NET	5	2010				x	
	C/C++	5	2011					x
	Java	5	2008				x	
	VB	2	2005			x		
	VC	2	2010				x	
	XML	1	2008			x		
	UML	3	2009			x		
Tools								
	CalmShine16	1	2011			x		
	Smart card Tools	3	2011				x	
	Keil	3	2011					x
	Eclipse	5	2011					x
	Microsoft Visual Studio	5	2011					x
	Oracle Design	1	2007		x			
	Jude Professional	4	2010				x	
	Open Project	4	2011				x	