

HAI NGUYEN KY

PERSONAL DETAILS

- Name **Hai Nguyen Ky**
- Nationality Vietnamese
- Date of Birth March 21, 1987
- Sex Male
- Marital status Single
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EDUCATIONAL BACKGROUND

- Computer Engineering – Hanoi University of Science and Technology.
- Degree classification: Good.

PROFESSIONAL SUMMARY

- 5 years + professional experience in software development, focusing on mobility.
- Qualified Contractor for Boeing and for Jeppesen, had worked onsite in USA for 5 months.
- Excellent at English, including text-based communications, face to face discussions, and online conferences, have experiences working with Indian, American, British, Australian, Singaporean.
- Good insights in UI and UX design for mobile platforms.
- Had opportunities to research new technologies for developing solutions or exploring market purposes.
- Experience in Continuous Integration and Automating UI Testing for the iOS platform. eggPlant test tools in use.

AWARDS AND TRAINING COURSE

- Certificate of Achievement from ACM/ICPC Asia Hanoi (2012).
- Scholarship for students having high scores, 2011, Hanoi University of Science and Technology
- Cisco Certificated Network Associate Course, 2011, Bach Khoa Information Technology Academy.
- Embedded System Programming Course, 2012, Hanoi University of Science and Technology.

SOFTWARE DEVELOPMENT

- Software Development: MAC OS X, Linux, Windows.
- Programming Languages: Objective-C, Swift, C/C++/C#, ASP.NET, PHP, SQL

- Script Languages: JavaScript, SenseTalk.
- Programming Development Approaches: OOP, Design Patterns.
- Software Development Approaches: Agile using SCRUM, Waterfall.
- Source Control: Git, SVN.

PROFESSIONAL EXPERIENCE

WORK EXPERIENCE

Jun 2015 – Oct 2015

Position	Senior Developer, Mobile Team Leader
Organization	Smart OSC
Job description	<ul style="list-style-type: none"> • Lead and support mobile team members. • Provide proposed solutions for customers. • Train and grow the mobile team.

Feb 2015 – Jun 2015

Position	Senior Developer, Jeppesen's Contractor, System Architect
Organization	FPT Corporation
Job description	<ul style="list-style-type: none"> • Research • Attend conferences and meetings with customers. • Review Code • Design test scenarios • Make automation test scripts • Unit test

Aug 2013 – Jan 2015

Position	Senior Developer, Team Lead, Boeing's Contractor
Organization	FPT Corporation
Job description	<ul style="list-style-type: none"> • Research • Attend conferences and meetings with customers. • Design • Develop • Unit test

Nov 2011 – May 2013

Position	Developer, IT Consultant
Organization	NASET
Job description	<ul style="list-style-type: none">• IT Consultant• Design• Develop• Unit test

Oct 2010 – Nov 2011

Position	Developer
Organization	PPCLINK Mobile Software
Job description	<ul style="list-style-type: none">• Design• Coding• Unit test

PROJECT LIST

eCommerce apps

6/2015 – 10/2015

<i>Project Name</i>	PLAYe (Singapore), POOPBOOK (UK), SmartPOS (*) (Australia)
<i>Objectives</i>	eCommerce apps include PLAYe for video-game enthusiasts, toy hobbyists and gadget collectors shopping in Singapore, POOPBOOK for creating, beautifying a photobook, then sending over to order a printed one in UK, SmartPOS as mobile POS from eWAY in Australia.
<i>Project Size</i>	10 members
<i>Taken Role</i>	Team leader
<i>Responsibility</i>	<ul style="list-style-type: none">• Manage projects.• Develop solutions for customers• Support team members with technical issues
<i>Technology</i>	<ul style="list-style-type: none">• Objective-C, AFNetworking, Core Data, etc.• iOS devices

FliteDeck Pro**2/2015 – 6/2015**

<i>Project Name</i>	Jeppesen Mobile FliteDeck Pro (Jeppesen, Boeing)
<i>Objectives</i>	Jeppesen FliteDeck Pro provides pilots with immediate, direct and reliable access to enroute chart data, terminal charts, and Jeppesen Airway Manual text. Jeppesen FliteDeck Pro is designed for use on the ground or in the cockpit and provides the industry's first interactive mobile enroute application that can be used as a true paper-replacement solution.
<i>Project Size</i>	20 members
<i>Taken Role</i>	Senior Developer, System Architect
<i>Responsibility</i>	<ul style="list-style-type: none">• Have 2 months onsite in US, working directly with Jeppesen iOS project Team Lead to review code, research to apply automation testing for the project.• Develop test cases of the main features of the project.• Write test scripts following.
<i>Technology</i>	<ul style="list-style-type: none">• Objective-C, XCTestCases, iOS UI Automation. eggPlant.• iPads

Toolbox mobile library(*)**06/2014 – 1/2015**

<i>Project Name</i>	Toolbox mobile library (Boeing)
<i>Objectives</i>	Toolbox Mobile Library is part of Boeing's suite of mobile maintenance applications, designed to improve efficiency for maintenance technicians. This mobile application hosts Boeing and airline documents from the Library module of Maintenance Performance Toolbox. With Toolbox Mobile Library, technicians now have access to maintenance documents for instant reference and use, wherever and whenever they are needed.
<i>Project Size</i>	6 members
<i>Taken Role</i>	Senior Developer
<i>Responsibility</i>	<ul style="list-style-type: none">• Develop and maintain the featured and high profit iOS App for the largest airplane manufacturer in US (boeing.com). The app hosts Boeing and airline documents for airplane maintenance technicians. It is an intricate system involving downloading, unzipping, importing, updating, viewing, etc. One document set could reach up to 21 GB. Handling multiple threads by NSOperation and GCD.• Have 3 months onsite in US, working closely with Boeing IT technicians, get involved training and solution development sessions, suggest and develop solutions for new main features, conduct successfully a hotfix in an intense release.

<i>Technology</i>	<ul style="list-style-type: none"> • Objective-C, Multiple threads, Core Data, Networking. • iPads
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iviu SDK(*)

02/2014 – 06/2014

<i>Project Name</i>	iViu SDK (iviutech)
<i>Objectives</i>	The Mobile Engagement apps are designed to interact with users at all stages of the buying lifecycle; at home, en route, and in store. There are 3 different types of alerts generated by the app, using GPS, and LE Bluetooth dedicate devices.
<i>Project Size</i>	10 members
<i>Taken Role</i>	Senior Developer, Team Lead
<i>Responsibility</i>	Lead three other developers to build the SDK for an US brand. The SDK includes interacting with LE blue tooth devices, the location services, the REST server, and Core Data.
<i>Technology</i>	<ul style="list-style-type: none"> • Objective-C, Core Data, REST server, barcodes. • iOS devices, LE blue tooth devices

Leiblanc(*)

08/2013 – 02/2014

<i>Project Name</i>	leiblanc (transxsystems)
<i>Objectives</i>	Lei Blanc is a fine dining social networking app where users can enjoy complimentary and discounted food and drink promotions with a unique gaming option for earning additional prizes and money.
<i>Project Size</i>	20 members
<i>Taken Role</i>	Senior Developer
<i>Responsibility</i>	<ul style="list-style-type: none"> • Develop and maintain the offer/voucher modules of an iOS app. The modules include interacting with the REST server, scanning barcodes, and synchronizing between the local storage and the server one. • Develop the offer/voucher modules for another iOS app.
<i>Technology</i>	<ul style="list-style-type: none"> • Objective-C, SQLite, FMDB, REST server, barcodes. • iOS devices

NASET Online

11/2011 – 05/2013

<i>Project Name</i>	NASET Online (NASET)
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<i>Objectives</i>	A PHP-based testing system helping students to test their listening and reading skills in English.
<i>Project Size</i>	5 members
<i>Taken Role</i>	Developer
<i>Responsibility</i>	<ul style="list-style-type: none"> • Develop a Joomla-based website with customized templates, modules, and components. • Develop a PHP-based testing system helping students to test their listening and reading skills in English.
<i>Technology</i>	<ul style="list-style-type: none"> • PHP, MySQL, Javascript.

Mobile App Collection

10/2010 – 11/2011

<i>Project Name</i>	Mobile App Collection (PPCLINK)
<i>Objectives</i>	An app collection for iOS devices: VietTV Pro (*), Chess Online Master HD (iPad), Viet Radio (iPhone). Viet Pod (iPhone).
<i>Project Size</i>	4 members
<i>Taken Role</i>	Developer
<i>Responsibility</i>	<ul style="list-style-type: none"> • Team up with another developer for developing and upgrading iOS apps including: Chess Online Master HD (iPad), Viet Radio (iPhone). Viet Pod (iPhone).
<i>Technology</i>	<ul style="list-style-type: none"> • Objective-C, SQLite, XML parser, AVPlayer and AirPlay.

(*)App Links

1. iViu
<https://itunes.apple.com/us/app/iviui/id464126588>
2. Boeing Toolbox Mobile Library
<https://itunes.apple.com/us/app/boeing-toolbox-mobile-library/id727651089>
3. VietTV Pro
<https://itunes.apple.com/us/app/viettv-pro-xem-tivi-truc-tuyen/id435357133>
4. eWAY SmartPOS
<https://itunes.apple.com/au/app/eway-smartpos/id1029746660>
5. Lei Blanc
<https://itunes.apple.com/us/app/lei-blanc/id865875966>