

Company Profile
Of
NCCSOFT Viet Nam Technology Company Limited



Contact:

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Email: Info@nccsoft.vn

1. Business & Contact Information

- **Business Name:** NCCSOFT VIET NAM TECHNOLOGY COMPANY LIMITED
- **Business Type:** Limited Company
- **Company Registration Number:** 0106522655
- **Tax Reference Number:** 0106522655
- **Tel:** (+84) 466 874 606 or (+84) 933 851 599
- **Email:** info@nccsoft.vn
- **Web site:** <http://nccsoft.vn>
- **Business Address:** 2A Floor, 27A2 GreenStars, 234 Pham Van Dong street, Bac Tu Liem district, Ha Noi, Viet Nam
- **Microsoft BizSPark** : <https://www.microsoft.com/bizspark/startup/profile.aspx?Startup=539870>

2. Introduction

NCCSOFT is a network of connected young and passionate software engineers, established as a start-up (software firm) in Ha Noi, Viet Nam, founded by 4 passionate and enthusiastic software engineers in September 2014.

We have passion to flying on mobile platform various from porting and develop mobile game, forming new interactive mobile applications in multi-platform. We also provide the software outsourcing service in diverse platforms, from web development to enterprise application with reasonable price. We are no limit to co-operate and make partnership with other start-up/enterprise in the field.

- We are young and agile.
- We love technologies.
- We do it with passion



3. Strategy

a. Vision statement

- To be a reliable/trust worthy software outsourcing service partner

- A leading software firm on mobile platform
 - Become a mobile game development Centre
- b. Mission statement**
- Provide the best software outsourcing service with high quality and reasonable price.
 - To build long term relationships with our customers and clients on trust and provide exceptional customer services by pursuing our business through innovation and advanced technology.
 - Build a source of young and talented software engineers on software industries
- c. Business goals & objectives**
- Regional expansion in the field of mobile application development and develop a strong base of key customers.
 - Engage with national wide company on outsourcing service
 - To build good reputation in the field of mobile app development and IT service outsourcing and become a key player in the industry.
- d. Business strategy**
- Focus on developing skilful people to solid the quality of services
 - Expand customer from UK, US, Japan market
 - Developing a key product on mobile platform
- e. Our “Language”**
- Be young, honest, open and friendly (Smile), No cheating
 - Play as a team, build on trust
 - Work with heart (passionate and balance between work and life)

4. Business Concept

a. Business concept

We consider to doing the business with following focus:

- Software outsourcing services
- Mobile application development
- Mobile game development centre

b. Services

Mobile development

- Native Android/iOS development
- Hybrid mobile app : PhoneGap, Xamarin
- Mobile app for social network and OTT (XMPP, VOIP, SIP, MGCP, MEGACO, RTP, WebRTC...)

Web development

- .NET Stack : Asp.NET web form, MVC, Web API, SignalR, SQL Server, IIS
- LAMP Stack: PHP, Laravel, Symphony, MySQL, Apache
- Java : Spring, NHibernate, Play framework
- CMS: Joomla, WordPress, Magento, Umbraco

- Front-end : AngularJS, BootStrap, CSS-3

Enterprise System

- SharePoint, BI tools (SSRS, SSIS, SSAS),
- Cloud services : Azure, Amazon Web Service
- System integration/net-working : NServiceBus, VOIP, SIP, SMGCP, RTP, XMPP
- STLport, Xerces, Santuario, CryptoPP, Xalan, CURL, Pjsip, OpenMGCP, Quagga, OPENSNMP, libjingle, openwrt.

Game development

- Mobile game development using Cocos2dx, box 2d, Irrlicht, Unity3D, Unreal, Bullet...

c. Products

Mobile Game:

Site: <https://play.google.com/store/apps/dev?id=8208304854085682857>

- Crazy Piggy Mobile
- Hanging Tree
- Moving Number
- Math: TreeSum – Training Brain
- Saving Ryan
-

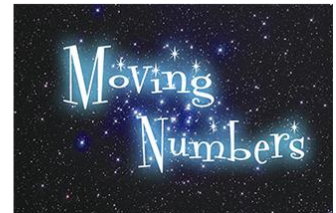
Lord of the lands



Crazy Piggy



Moving Numbers



Saving Ryan



Tree Sum



Hanging tree

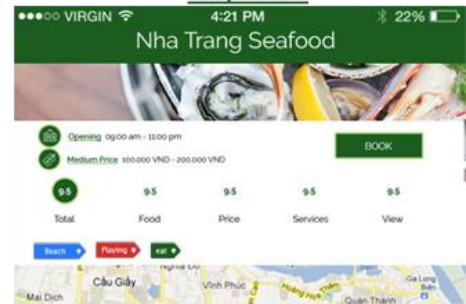


Mobile App:

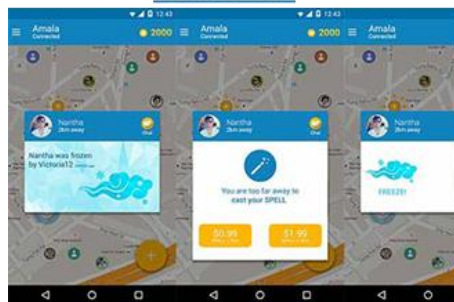
Learning English



Tripnote



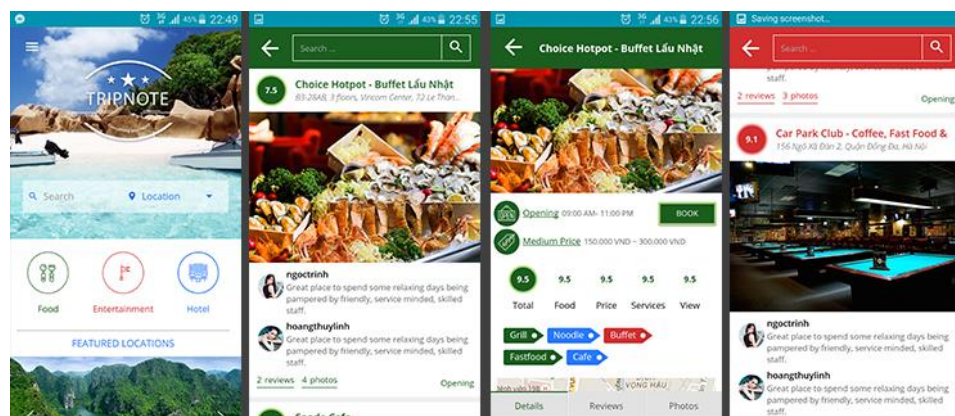
Catch me



Bzz

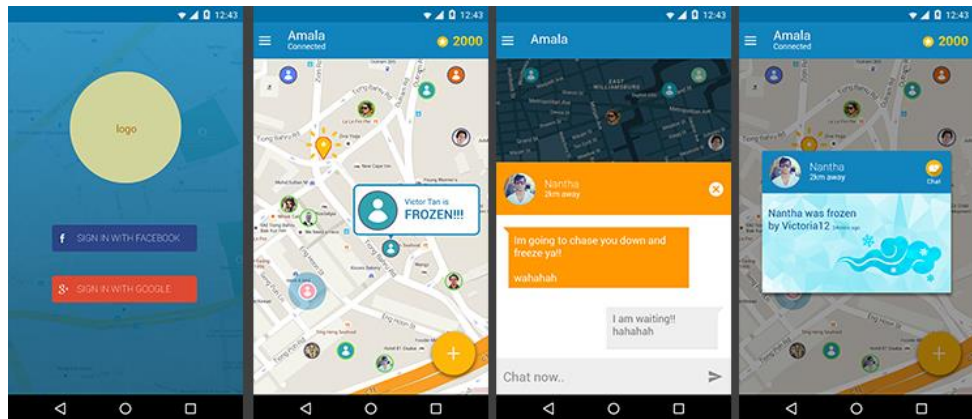


- Trip Note
Trip Note is a mobile app which is built on hybrid app using ionic framework to allow user can plan a trip (itinerary, hotel info) , search location include transport and accommodation along, take note on trip they check-in, share the experience (video, image, comments) on what they've been to friends and family via social networks (Facebook, Instagram, twitter...). This app works on both online, offline mode. Build on top of ionic framework and Asp.NET Web API as the back-end and Solr indexing for location.



- Hunting games:
This app is built on native android and iOS. This simulate the game play of “kidnap” and “kill” base on location-nearby and collision. This app is ideally for event hosting provider, which put the interest in massive user to join the event, who can benefit from “kill” other to get point or promotion which are lately redeem to event hosting provider.

This app is in-development phase:



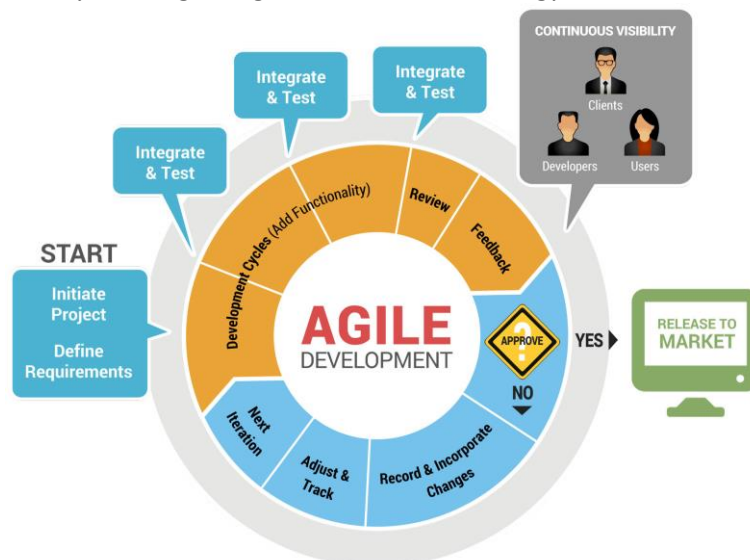
d. Business competitiveness

- We are young and agile, provide service with reasonable price
- We are experience on doing outsourcing service for national – wide customer (UK, US..)
- We are flexible to work on project-based or ODC based for outsourcing project
- We provide free consultant on solution and technology for project that its size under 50 man-month

5. Working Process

a. Agile Scrum:

We are currently working on Agile – Scrum methodology.



We focus on:

- Clear communication and adapt the change flexible
- Quality is the target, team work is the key

We also can work on the following model:

- Kanban
- Waterfall
- RUP

6. Management & Ownership

a. Management structure

- Mai The Hung, President and Chief Executive Officer
- Nguyen Tran Nhan, Vice President and Chief of Technology Officer
- Pham Manh Tien, Vice President and Head of MS Development Team
- Duong Van Phuc, Vice President and Head of Mobile Development Team
- Sándor Danko, Senior Consultant
- Toshiaki Hasebe, Senior Consultant

b. Directors

Mai The Hung: One of 4 founders, started his software engineering career since 2004, beginning with smart card and biometric and database developer for 4 years. He made a move to .NET world later, proficient in VB.NET, C# and ASP.NET web form, experience on SharePoint and other Microsoft enterprise framework. Working abroad for several company in UK and US brings him more experience on customer engagement and project management skill, familiar with RUP, Waterfall, Extreme, Agile methodology. Like the other founder in NCCSOFT, Hung also has his eyes on big data and virtualization as his interest of technology. In free time, he loves reading, swimming and play football. He also be reached at hung.mai@nccsoft.vn or (+84) 933 851 599

Nguyen Tran Nhan: One of 4 founder, a Linux based and VOIP expert, proficiency on C, C++, Java and low level programming language, experience on networking programming, passion with game development on Android and iOS, especially Cocos 2dx. He graduated from Russian, initially Physic subject and completed as a Software Engineer. He's talkative and passion on coding or anything related to game development and 3D graphic, customize Android source code and open source project. He love cooking making ROM for Android based device and loading OS for dev kit (Raspberry Pi...) a big fan of Q&A in StackOverflow and Quora follower. And he is now a father of 2 children, a girl and a boy, he could be connected at skype name, or drop him an email at nguyentran@nccsoft.vn

Pham Manh Tien: a .NET guru on enterprise application (both Web and PC) and cloud-based services. He's proficiency in C# with latest features, ASP.NET MVC, WCF, and Web API with deployment on premise or cloud-based environment. Tien addicted to design patterns, Domain Driven Design and unit testing (TDD) and developing web services. Graduated from Hanoi University of Science and Technology, Tien has worked on various domain from stock-exchange to finance systems, and he's interested in cloud computing and Business Intelligent. Friendly, easy going, eager to help each other are the word to describe Tien. Apart from technology, he likes to do workout, photographing and traveling. His Skype: tien.manh.pham and email is tien.pham@nccsoft.vn . Last but not least, he's one of 4 founders of NNCSOFT

Duong Van Phuc: a man of few words, graduated with grade A level from National University, IT department, great and sensitive observer, thinker. He has a lots of

experiences on game server programming, mobile app and game development. He has strong logic thinking and problem solver, he treats every programming languages as a tool for his daily work, he can work on C, C++, Java, Objective C, C# or any application programming languages as long as it is followed the logic of 0 and 1. He used to work for Game Loft, one of big game studio in market, as the technical trainee staff. He also has experience on Android app, web and application development in both Java and .NET world. He's also one of 4 founder at NCCSOFT. He is available for contact at phuc.duong@nccsoft.vn

Sándor Danko: Sándor Dankó is CEO and owner of ITware Kft since 2001, one of the most experienced software development company in Budapest, Hungary, where he devote 90 percent of his practice on building the business strategy, sales and marketing, managing portfolio of IT/software development projects. He also possesses the deep technical knowledge and experience in IT sector.

Sándor graduated from Technical University of Budapest as the Msc of Electrical Engineering in 1979, and possess Post-graduation in remote sensing and natural resourcing in 1985. He now has been working on IT sector for thirty years, been through diverse positions and roles. He had worked in Association for Programming of Machine Tools, Institute for Computation Technique and Institute of Geodesy, Cartography and Remote Sensing as head of Computer Centre. He had experience in consultant as software engineer, system architect for various banks in Hungary and Italy from 1989 to 1994. As the Chief IT Officer of WESTEL Mobile Kft, a mobile telecommunication company from 1994 to 2001, Sándor has possessed the deep knowledge on customer care and billing system, inventory and POS software in Telecom domain.

Sándor also conducted and contributed a lots of lectures and publications on IT sector, not only in Hungary but internationally as well. He was the lecturer on conference "Media Hungary" in Balatonfured, Hungary in 2010. He also conducted the lecture on ICT outsourcing, internetworking and Offshoring conference in Haag, Netherland and Service Level Management in "Mobile Infratech" conference in London, UK in 2004.

Sándor now lives in Budapest, running ITware's business and he is also the Senior Consultant of NccSoft. Sándor could be contacted via email at sandor.danko@itware.hu or his number +36 (30) 9303404.

c. Management

We are flexible to work on various software development model

- Waterfall
- RUP
- Agile (Scrum, Extreme) using Jira, TFS Agile template

We also apply the best practices and latest technology in development

- Unit test automation
- Continuous integration/continuous deliver

7. Customers and Projects References



CORE Systems – Northern Ireland (UK)

Core Systems is a software company specializing in interactive offender technology solutions based in Northern Ireland – UK. <http://www.coresystems.biz/>

NCCSOFT has provide the custom software development for CORE on several projects:

- Secure Android tablet using AOSP, Samsung KNOX SDK
- Pipe Server (.NET) and pooling client (Android)
- USBSync (synchronize data from Kiosk to Secure Android tablet)
- M2U and M4U Offline app (Android application)
- D2I product (web based application)
- Other projects

Secure Android Tablet using AOSP project, we rebuild the Android Source Code and lockdown features to make it secure:

- Customize Adb server and client
- Lockdown bootloader
- Customize laucher
- Disable OTA update, MTP, TTP mode
- Secure SD card partition

The project now goes live and are used in GTL (CORE US market client): <https://www.youtube.com/watch?v=Ct4RUDhMzHs&feature=youtu.be>

Furthermore, NCCSOFT also support CORE on integrate the Samsung KNOX SDK to build the secure tablet base on Samsung Device.

<https://seap.samsung.com/sdk/knox-standard-android>

Pipe Server (.NET) and pooling client (Android) project, NCCSOFT build a MDM application (Mobile Device Management) for CORE. This application allows officer can manage, control and monitor the

secure tablet/mobile devices that are used by inmate in prison environment. In this project, NCCSOFT customize the communication channel using ntfy command, a custom socket connection to allow office send command from web application to mobile device via wireless network.

USBSync (synchronize data from Kiosk to Secure Android Tablet) project, NCCSOFT design the architect and implement the solution to allow inmate data could be synced between Kiosk (running in window) and Secure Android Tablet in bi-direction (from Kiosk to Tablet and from Tablet to Kiosk) via USB connection. This application uses the custom Adb communication library to communicate securely between Kiosk and Tablet. This application support syncing multiple device at a time and has the mechanism to validate the sync failed and resyncing, lock device automatically if attach in wrong kiosk. This application has been rollout over 4000 prisons in US.

M2U and M4U offline app project, NCCSOFT develop 2 native Android application for CORE to run on Secure Tablet Environment. These two applications are for messaging and media service for inmate using offline Secure Tablet. Two application provide allows inmate synchronize data from inmate account of messaging/media from kiosk to use offline in Secure Tablet.

D2I (Direct2Inmate) Web Application project, NCCSOFT involves in develop several modules for D2P product such as Message2You, Commissary, FAQ, Request, My Profile. This web applications allows inmate to communicate with each other and friend/family, book/order meal or groceries, access to FAQ related to his/her rights, appointment, view and manage his/her balance. This application has been deploy to Kiosk and Secure Online Tablet.

<http://coresystems.biz/what-we-do/direct2inmate/>

Other projects:

NCCSOFT also working on some other product and application for CORE such as:

- Direct2Probationers (D2P)
- IPTV
- WebRTC
- LinPhone
- Data warehouse for message censoring

ITWare Kft - Hungary

ITware is almost the only one IT company in Hungary that has been the supplier and development partner of the biggest Hungarian mobile service provider for nearly a decade, and it is a trustable solution provider of domestic and international companies.

<http://www.itware.hu/en/>

NCCSOFT has implemented a microservice project for ITware, so it could be used and integrated to Fleetware product (<http://www.itware.hu/en/solutions/57-fleetware>). They are:

- Monitoring Engine Service
- Rule Management Service
- Notification Service

Those 3 services can work independent or integrate together. Monitoring Engine service listen to data stream feeds from sensors (plug in vehicle), it contacts with Rule Management Service to get all the rule that match with data stream. If there is any rule match, Monitoring Engine send a request Notification Service to send the notification to end user via email, SMS, push notification. Those 3 services handle 40 thousand request per second, NCCSOFT apply the Docker technology for scaling and warranty 99% up-time.

Technologies that NCCSOFT use in this project are:

- JHipster Spring Boot framework
- Eureka
- Docker compose

TECAPRO - IT., JSC – Viet Nam

<http://tecapro.com.vn/>

NCCSOFT has worked with TECAPRO - IT on the following projects:

E-learning systems using SOA architecture

NCCSOFT has design and develop a E-learning systems SOA oriented architecture based on Moodle framework. The application provides the features for three set of user: Administrator, Lecturer and Students. The application allows Lecture to create Course, enrol student, upload training material for course, make the Quizz, create Exam, evaluate learning progress. For student, it allows to attend a course, start learning make progress, take the exam and get the certificate once complete a course.

NCCSOFT has applied the following technology in this projects:

- Moodle framework
- SOA architecture
- Solr and Elastic Search

SEIRYO ELECTRIC CORP (Japanese)

<http://www.seiryodenki.com/>

NCCSOFT has worked with SEIRYO ELECTRIC on the following projects

Push to talk system using VOIP

NCCSOFT work in PUSH TO TALK project (Japanese client). In this project, NCCSOFT plays as the solution architect and perform development task to build the VOIP systems allows centre to publish a message/call to subscribers. The app need support to 200000 subscribers can received the message/call at a time.

In this project, NCCSOFT apply the following technologies:

Technology: SIP, RTP, VOIP protocol. C,C++, mobile platform

Team structure: 5 developers + 2 testers

SmartOSC – Viet Nam

SmartOSC is a premium, full service e-commerce agency for leading brands and e-tailers in Viet Nam.

<https://www.smartosc.com/>

NCCSOFT is the partner with SmartOSC to work on several mobile development projects.

Kanmo App - <http://kanmoretail.com/>

NCCSOFT develop a hybrid mobile app for Kanmo to support their business expand on the mobile platform. The app allows clients of Kanmo to view new products in 7 branches (Justice, MotherCare, Willo..), order a product and purchase it online via mobile/tablet device. Client just need to open the scan feature to capture barcode on the product, then product detail would appears and allow them to check out and do the payment right away. The app also allow client to receive new update/article on product via Push notification.

This app is available on both Android and iOS platform.

ShowDC - <https://www.showdc.co.th/>

NCCSOFT develop a native app on both Android and iOS, call ShowDC, for this customer. Show DC brings together entertainment, bars, cafes, restaurants, fashion boutiques, cosmetics and a wide variety of food stalls all under one roof. Exclusive to Show DC in Thailand, Korean entertainment giants YG bring the soul of Korea nightlife to Bangkok with a Hongdae style bar, café and street bar and the sounds of K-pop, EDM and hip hop in chic and lively surroundings.

The app is available on both Play Store and Apple Store for now:

<https://itunes.apple.com/th/app/show-dc/id1172034260>

<https://play.google.com/store/apps/details?id=com.show.dc>

SCOPIC SOFTWARE

<https://scopicsoftware.com/>

NCCSOFT has worked with SCOPIC SOFTWARE on the following projects

DrCeph

Dr. Ceph is our cephalometric analysis program with advanced image morphing and tracing. Dr. Ceph has the most advanced 2D surgical projections in the industry! Coupled with our new custom and ABO superimposition feature, Dr. Ceph represents one of the best investments you can make for your practice.

Did your computer crash? Don't worry! Once you purchase Dr. Ceph, you can reinstall your version for free at any time, even over 10 years after purchase! Tired of doing analyses yourself and want an assistant to do them for you? This can be easily done with our new Landmark Location images that show new users where their points are supposed to be placed! With over 20 years of orthodontic research and improvements built into our program, you are getting a great deal for one low price!

Technology: MFC, C,C++, Image processing
Team structure: 3 developers + 1 testers

**Thank you for taking the time to go through this business profile.
If there are any questions or comments, please feel free to contact us.**