

Nhan Cao

Senior software developer

nhancv92@gmail.com

nhancv.com

Abstract

A forward-thinking developer offering more than five years of experience building, integrating, optimizing, testing and system management.

Highlights

- Good logic thinking skill.
- Known for writing efficient, maintainable and reusable code.
- Proficient in design pattern, algorithm data structures, problem-solving, and debugging.
- Eagerness to embrace scalability, reliability, and performance challenges.
- Positivity and responsibility in words, communication, and feedback.
- Time balance and creative management.
- Passion for building products that users love.

Background

B.Ce. (Honors) (Sept. 2010 – June. 2015): Computer Engineering, University of Information Technology, VNU-HCM, Vietnam.

GPA: 3.84/4 (Rank: 1/120). Thesis score: 9.7/10

Thesis: SmartHome with Zigbee network.

Completed the Data Science Course (Nov 26, 2018 – Jan 29, 2019), Dr Tran Anh Tuan, Department of Maths & Computer Sciences, HCMUS.

Award

UIT Scholarship - 2010, 2011, 2012, 2013, 2014 - ranking Very Good

Consolation Prize in National Olympic Contest for IT Student - 2012

VNPT Scholarship 2012

Nguyen Thai Binh Scholarship 2013

POSCO ASIA Fellowship 2013

JENESYS 2.0: JICE (Japan International Cooperation Center) 2014

First Prize of UIT-ACM 2nd 2014

First Prize of “Code to 23:00” competition - 2014

Best Article Prize: Control smart home device by Infrared rays on android was public on Young Scientists Conference UIT 3rd, 2014

Consolation Prize in National Olympic Contest for IT Student 2014

Students of 5 merits of Ho Chi Minh city 2014

Get highest honor of Computer Engineering Faculty in 20/06/2015

Publication

Best Article Prize: Control smart home device by Infrared rays on android was public on Young Scientists Conference UIT 3rd, 2014

Certification

The 2012 ACM-ICPC Programming Contest Asia Hanoi Regional

POSCO Asia Fellowship 2013

The 2013 ACM-ICPC Programming Contest Asia Danang Regional

Habitat for Humanity International - VietNam 2014

JENESYS 2.0 - 2014

Agile Software Development with Scrum - 2014

The 2014 ACM-ICPC Programming Contest Vietnam National Round

Experience

24/02/2015 – 31/12/2015

Android Developer

Left Coast Logic, VietNam

Description: Develop and maintain the E-commerce products for Japan market on Android mobile and table: Loyalty Program, Lottery, Save or Exchange Point, Payment, NFC, BLE/Beacon

Application

- Android merchant: This application installed on a tablet for merchant to manage employees and booking from user
- Android user: This application installed on a phone for user to book and save point

01/01/2016 - 01/05/2016

Software Consultant

Society for Health Information Systems Programmes, India (On site)

Description: Support technical issues, development tasks, technical tasks, helping in recruitment of new people, building of systems and rules, clean system code, support and solve stuck in team, supervisor role

Application

- DHIS2 Core: Support implement to get security certificate
- DHIS2 Report: Support team to solve stuck in development
- DHIS2 Android capture: Implement android project for data capture

01/05/2016 - 01/08/2016

Senior Android Developer

RWD.sg, Singapore

Description: Develop android application to get cheapest price on market

Application

- Android wise price: Get cheapest price on market using almost Amazon web services such as DynamoDB, S3, SES, SNS, Mobile Hub, Cognito and Lamda

01/04/2017 - 01/01/2018

Software Consultant

Society for Health Information Systems Programmes, India (Remote)

Description: Provide consultancy service to HISP regarding Software Development on various projects located outside India

Application

- DHIS2 Android capture: Implement android project for data capture

27/08/2016 - present

R&D Mobile

Beesight Soft, Vietnam

Description: Team leader, scrum master, support, research and development, pilot and and transfer to development

Training members

- Android native
- React native
- Flutter
- AI & ML

R&D

- WebRTC
- Kurento media server
- XMPP with Ejabberd
- OpenCV
- Blockchain
- Face recognition
- Chat bot
- Recommendation system

Application

- Android FitAccess: Application for gym, apply chat using XMPP
- Android Socialoop: Social network, video effect
- Android FeedMe: Exchange point, delivery
- Android Tacko: Implement an online exchange market
- React native Kawan Cicil: Instalment plan
- React native Hanshan: Exchange money

- React native Matme: Social network
- React native Taxbase: Personal Tax management
- Blockchain MVP: Medical testing management using Hyperledger Fabric
- Flutter Beemon: Project monitor
- Android Getogeda: Realtime game about face mask, video call, effect on voice
- Android Mobilize: Social network, oil and gas tracking

Skills

Not just a list.

Mobile

Native Android: Gradle Groovy, Kotlin, Java. MVP model, Dagger2, Butterknife, Annotations, Event bus, RxAndroid/RxJava, junit, Espresso, Picasso, Gson, Retrofit2, Realm, GMaps, FB/G+/Twitter Sdk, Fabric, Mint, Log entries, BLE, NFC, Amazon web services

Cross-platform:

- Ionic: Angular
- ReactNative: ES6, Redux, Ignite, Nativebase, Reactotron, Immutable
- Flutter: Dart, Material Design

Web

Server: PHP (Laravel/Lumen), Java EE, C Embedded, XMPP (Ejabberd, Smack), NodeJs (ExpressJs, WebRTC, Kurento, Socket.io/Websocket), Redis, HAProxy, Spark, Hadoop, Kafka

Frontend: Angular, ReactJS, Bootstrap, jQuery, TypeScript, Html, Css, GraphQL, Wordpress, Magento, Gulp, Bower, Scss/Less, QUnitJs

Blockchain

Ethereum: SmartContract, ERC20 Token, ICO CrowdSale (Solidity + Web3)

Hyperledger Fabric: Backend with Java Sdk, chaincode with go and deploy via Docker

Hyperledger Iroha: Android app, javascript wallet and Docker

AI

Statistic, Data Mining, Machine learning and Deep learning

Env & tool: Python, Colab, Nteract, Kaggle, Orange3, OpenCV, Tensorflow, Dialogflow, Dlib, Firebase ML

OS/System

macOS, Linux, Windows, Nginx, Apache

Database

MySQL, Sql Server, Sqlite, Realm, Postgres, DynamoDb, InfluxDB

Embedded

Atmel, Arduino, ARM, Raspberry Pi

Version control

Master of the Git: GitHub, GitLab, Bitbucket

Others

Teamwork PM, Scrumdesk, Redmine, JIRA, Sketch, PS, Zeplin, Jenkins, CircleCI, Google Cloud, Unity AR (ARKit, Vuforia), Tsung

Hobby

Algorithm

Read IT books

Your challenge

Social

Github: <https://github.com/nhancv>

Medium: <https://medium.com/@nhancv>

Upwork: <https://www.upwork.com/fl/nhancao>

Twitter: <https://twitter.com/nhancv>

Linkedin: <https://www.linkedin.com/in/nhancv>

Stackoverflow: <https://stackoverflow.com/cv/nhancv>

NpmJs: <https://www.npmjs.com/~nhancv>

Contact

Email: nhancv92@gmail.com

Phone: [\(+84\) 964 788 440](tel:+84964788440)

---- @2019 Nhan Cao ----

<https://nhancv.github.io>