

Applicant for:

Senior/Middle Java Engineer ~Upto 2,000\$

Dr.JOY

22 April 2021

Ha Ngoc Kien

✉ hnkien@gmail.com

Main interests: C++, Python

What skills, work projects or achievements make you a strong candidate for this position?

Professional Qualifications:

- More than 20 years working experience as software developer and more than 10 years experience of team work and leadership.
- More than 10 years experience with building software for Enterprise Production written by C/C++, Python, Java.
- More than 20 years experience of software development using Object Oriented Methodologies, Design Patterns, UML, Visual Design with Rational Rose, Agile.

"Hiring the wrong person is the most costly mistake you can make." - Brian Tracy

CURRICULUM VITAE

Enterprise Software Architect/Senior Software Engineer

Personal Information

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| First name | Kien | Last name | Ha Ngoc |
| Date of birth | 08/12/1975 | Sex | Male |
| Address | Number 67, Lane 68/53/22, Cau Giay street, Ha Noi city, Viet Nam. | Marital status | Married |
| Email | hnkien@gmail.com | Phone number | +84912317284 |

Professional Qualifications

- More than 20 years working experience as software developer.
- More than 10 years experience of team work and leadership.
- More than 10 years experience with building software for Enterprise Production written by C/C++, Python, Java.
- More than 10 years of intensive experience in configuration management, source code control, version configuration.
- More than 20 years experience of software development using Object Oriented Methodologies, Design Patterns, UML, Visual Design with Rational Rose, Agile.
- Good communication skills in both speaking and writing.

Skills

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| Operating Systems | Linux: Redhat, Centos, Ubuntu (Kernel 2.6-4.5), Sun Solaris 2.0, Mac OS, Windows XP, Windows 2K, MS-DOS. |
| Languages | C/C++, Java, Python, Golang, Perl, Visual Basic, XML, UML, Pascal, Assembly. |
| J2EE Technology | J2EE API, JSP/Servlet, RMI, JDBC, EJB, JMS. |
| UI Technology | Google Web Toolkit, JQuery, JSP, DHTML, Ajax, Bootstrap, Angular, ReactJS. |
| Frameworks | Spring, Hibernate, Struts, Flask, Django. |
| Web servers and App servers | Apache, Nginx, Tomcat, WebLogic, Websphere, Jboss. |
| IDE | Eclipse, PyCharm, CLion, VSCode, Visual Studio, Sublime Text. |

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| Databases | MongoDB, Oracle, MySQL, ElasticSearch, SQL Server, MS Access. |
| Proxy and Load Balancing | Layer 4: LVS, Layer 7: HAProxy, Nginx. Network Layer: HSRP, VRRP, GLBP Redundancy Protocols. |
| Caching | Redis Cluster, Memcached. |
| Queue | RabbitMQ, Kafka. |
| Analytics | Apache Spark, Apache Storm, MS Excel. |
| Methodology | Agile, Scrum, TDD, Design Pattern. |
| Tools and Utilities | SVN, Git, Docker, Vi/Vim, Rational Rose. |

Education and Certificates

- B.S. Computer Science: Hanoi National University in 1996.
- TOEFL Paper Based Certificate (607 points) in 2003.
- GRE Certificate (Verbal: 360, Quantitative: 760, Analytical Writing: 2.0) in 2004
- AOTS Japan Software Development Certificate in 2002
- BigData Foundations – Level 1- IBM in 2017
- Coursera Machine Learning With BigData in 2017
- Python Certificate – SoloLearn in 2017

Personal Experience

CONERA Technology and Engineering Services Jsc.

From 2018 - Present

About Company: CONERA Company (website: conera.io) has been spin off from PINGCOM Company as subsidiary focus on IoT and Automation solution. We are focusing on Crowd Analytics, Internet of Things & Automation where AI and Big Data is as the core. We have partnership with many global automation software provider of advanced, web-enabled OPC UA and BACnet certified visualization, analytics, and mobile software solutions for any energy, manufacturing, industrial or building automation application.

My Position: Chief Technology Officer.

My Responsibility: Build up technical team, create company's technical vision, develop product roadmap, build product platform and coding, setup and deploy/implement services/systems on Cloud/DC for customers.

Our Products:

Smart Wifi - Marketing Platform & Customer Experience Management (CEM)

Brief Summary

Enterprises can leverage installed standard Wifi for in-building or campus environments which is useful for some IoT applications such as building and home automation or in-house energy management. Our Smart Wifi is the ideal solution for any business offering a secure internet service to their customers in a user-friendly

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| | <p>manner, while collecting valuable data for integration in a Smart building and future promotional retargeting campaigns.</p> <p>Smart Wifi integrates best in enterprise-grade, location-ready Wifi with Location-Based Services (LBS using ALE from Aruba, CMX from Cisco, SPoT from Ruckus). This cloud-based solution is built with modern technology, especially Data Analysis & Business Intelligence and updated Wifi standard to make itself as a complete solution. This powerful analysis and statistics tool is essential for business, it not only offers major advantages in capacity, security coverage and ease of use in smart building, but also create an omni-channel experience that engages customer with personalized sales message.</p> |
| Technology Stack | Angular, Python, Native C/C++, Javascript, MongoDB, Cassandra, Redis, Elasticsearch. |
| Clients | VinGroup – VinPearl, SunGroup, TNG Group, ACB, APAX English ... |
| <i>IoT Solution Implementation (ICONICS Products) for Smart City, Smart Building, Smart Security and Surveillance.</i> | |
| Brief Summary | <p>Founded in 1986, ICONICS is an award-winning independent software provider offering real-time visualization, HMI/SCADA, energy management, fault detection, manufacturing intelligence, IoT and a suite of analytics solutions for building automation and operational excellence. ICONICS solutions are installed in 70% of Global 500 companies around the world, helping customers to be more profitable, agile, efficient and sustainable. ICONICS promotes an international culture of innovation, creativity and excellence in product design, development, technical support, training, sales and consulting services for end users, system integrators, OEMs and channel partners. ICONICS has over 350,000 applications installed in multiple industries worldwide.</p> |
| Technology Stack | MFC, DotNet, Visual Studio, C#, SQL Server. BACNet, Modbus, OPC, PLC Programming. |
| Clients | PoC for Vinhomes Smart Cities, Viettel DC. |
| <i>SunGroup Mobile App</i> | |
| Brief Summary | <p>SunGroup has many amusement parks in nation-wide like SunWorld Ba Na Hills, SunWorld Danang Wonders, SunWorld Halong Complex, Fansipan Legend ... so they need a mobile app for end-user could explore and easily buy tickets in advance to avoid waiting in long queue; search for specific places, like restaurants and attractions, and get directions to that location; quickly find facilities like entrances, restrooms, ATMs, information desk, medical, security, elevators, escalators, handicap accesses, kid play areas, theaters, parking, etc.</p> |
| Technology Stack | React Native, GPS data for location searching, tracking, shortest route. Digitalize map using GDAL. |
| Clients | SunGroup |
| <i>PVcomBank Mobile Banking 2.5</i> | |
| Brief Summary | <p>PVcomBank mobile banking give customers a method of financial management with safety and convenience way. With this application, the customer can make money transfers, bill payments online, at anytime, anywhere by his device. The product</p> |

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| | <p>helps PVcomBank received international awards: Fastest Growing Mobile Pay App – PV - QRPay Vietnam 2019 and IFM highlighted PVcomBank's accomplishment in launching the new version of Mobile Banking 2.5.</p> <p>(source: https://www.pvcombank.com.vn/news/pvcombank-news/pvcombank-receive-two-international-awards-1340.html)</p> |
| Technology Stack | Oracle, Websphere, Nginx, FastCGI, Python, C/C++, Elasticsearch, Memcached, RabbitMQ. |
| Clients | PvcomBank |
| <i>VPBank Brand Management</i> | |
| Brief Summary | <p>In digitalized era, digital transformation is moving fast and evolving constantly as new platforms, devices and device-based applications go into the market. The transformation of brand management within the digital space is now moving toward the necessary of change with important role of enhancing brand awareness of any brand at any business scale. The process of digital brand management takes traditional brand management principles and applies them across multiple digital mediums. The greatest challenge is to keep up with the steady brand innovation but stick to the basic roots of brand alignment.</p> <p>Acknowledge the need of the market, we build a comprehensive digital Brand Management System (BMS) which allows Marcom team to remote control centralized, they will never miss any minor change of brand recognition stuff situation in local. The software also enables enterprises to easily store digital assets like guidelines, images, design files, documents and other brand elements with rich metadata for better search and share capabilities. This solution helps enterprises to promote brand awareness and ensure the brand is marketed effectively and efficiently, also measuring performance across every channel. It also helps enterprise: Push Brand Awareness; Centralized management; Develop Brand Internally and Store digital assets.</p> |
| Technology Stack | Angular, MongoDB, Nginx, HAProxy, RabbitMQ, ElasticSearch. |
| Clients | VPBank |

PINGCOM Investment and Systems Jsc.

From 2009 to 2018

About Company: PINGCOM (website: pingcom.vn) is a full service mobile app development company which was founded in 2009 by a group of passionate technologists. The initial target of the company was to develop the applied digitalization technology and utilize the wireless technology to provide information for mobile's end-user at anytime, anywhere.

For ten years, PINGCOM has delivered many innovative and tailor-made mobility solutions for clients, and step by step proved capacity and position in this lightning-fast growing industry - software for mobile device - especially Mobile Loyalty & CRM.

My Position: Founder and Chief Technology Officer.

My Responsibility: Build up technical team, create company's technical vision, develop product roadmap, build product platform and coding, setup and deploy/implement services/systems on Cloud/DC for customers.

Our Products:

HPE Vietnam Events

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| Brief Summary | The system is designed and built exclusive for HPE Vietnam. It includes mobile app and back-end system support for event organization of HPE and agents in Vietnam. This product is also used Aruba Bluetooth (BLE) Beacons technology for proximity & real time indoor location and way finding for end-user who participate in events. It also provide time-table of events, conference room directions, supporting documents, slide and key notes, register and lucky draw in events. |
| Technology Stack | React Native, Python, Java, MongoDB, Redis, Elasticsearch. |
| Clients | HPE Vietnam |

xLoyalty – Mobile Loyalty and CRM Solution

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| Brief Summary | Developed from SamSung Galaxy Gift solution, xLoyalty connects merchants, help them increase sale, build a loyal community and improve customer relationship management. xLoyalty is mobile app with purpose of replacing physical member cards or discount cards. xLoyalty mobile app could install on Android, iOS or even Windows phones. xLoyalty help user bring only his phone without many cards in his wallet. User can accumulate points for his shopping on eco-system of joined merchants. |
| Technology Stack | Python, Java, Native C/C++, Javascript, MongoDB, Redis, Elasticsearch. |
| Clients | Many merchants and retail chains. |

King Services - Mobile Loyalty and CRM Solution

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| Brief Summary | King Services is mobile app based system for agents of Budweiser. Agents can monitor and keep track of number they sell & buy. Besides, it help Budweiser manage and give promotions to agents in nation wide. |
| Technology Stack | Python, Java, Native C/C++, Javascript, MongoDB, Redis, Elasticsearch. |
| Clients | Budweiser |

Mobifone mConnect

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| Brief Summary | <p>mConnect is a new style customer support (CS) system of Mobifone Viet Nam. This privilege and loyalty application is for every MobiFone users to enjoy exclusive offers, promotions and privileges from brands nationwide on their phone. Prove a new modern style of CS from Mobifone for his subscribers.</p> <p>This mobile app for Android, iOS and Windows phones. It provides 7 categories including F&B, Entertainment, Beauty, Shopping, Tourism, Health care, Hotels and Resorts booking. It also helps decrease the churning of Mobifone users by taking care of all types of subscriber (titanium, gold, bronze ...).</p> |
| Technology | Java, Android, iOS, Windows Phone, Native C/C++, HAProxy, MongoDB, Redis, |

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| Stack | Elasticsearch. |
| Clients | Mobifone |
| <i>PVcomBank Mobile Banking 2.0</i> | |
| Brief Summary | PVcomBank mobile banking give customers a easy way of their financial management with safety and convenience priority. With this application, the customer can make money transfers, bill payments online, at anytime, anywhere through electronic device. This product helps PVcomBank received international awards: Mobile Banking Initiative of the Year and Core banking System Initiative of the Year 2017-ABF (https://www.pvcombank.com.vn/tin-tuc/tin-pvcombank/pvcombank-nhan-giai-thuong-quoc-te-ve-mobile-banking-va-core-banking-681.html) |
| Technology Stack | Oracle, Websphere, Nginx, FastCGI, Python, C/C++, Elasticsearch, Memcached, RabbitMQ. |
| Clients | PVcomBank |
| <i>SamSung Galaxy Gift</i> | |
| Brief Summary | Galaxy Gift is an official privilege application for all Samsung GALAXY users to enjoy exclusive offers and privileges from shops and restaurants nationwide on their Samsung Galaxy phones. SamSung Vietnam is enticing his customers with countless convenient online deals. One of the most efficient, cost-effective tools that will help SamSung stay ahead of the competition is e-coupon, or online cash coupon that also comes in the form of digital gift cards. SamSung's end-users can conveniently purchase e-gift cards via their smartphones and immediately enjoy shopping at offline stores. More than 5M+ devices were downloaded and installed from Google Play store and SamSung market proves the success story of right marketing solution of SamSung Vietnam. |
| Technology Stack | Java, Android, Native C/C++, HAProxy, MongoDB, Redis, Elasticsearch. |
| Clients | SamSung Viet Nam |
| <i>Van Su Lanh Fengshui</i> | |
| Brief Summary | Van Su Lanh is an Feng shui app. Its unique and specific content make it on top of market from its launching. It could run on Android, iOS, Bada, Symbian and J2ME platform as required from mobile phone producers such as: Samsung, Nokia, Motorola and Mobistar. This app was also preloaded from factory in many devices of Samsung, Nokia and Motorola Vietnam, and used as a main product to broadcast the image of new models like Motorola Milestone, Motorola XT720, Motorola Backflip, Samsung Wave ... The app is used in more than 1M+ devices in Google Play store and App store. |
| Technology Stack | Android, Bada, iOS, Windows Phone, J2ME. |
| Clients | End-user, SamSung, LG, Motorola, Nokia, Mobistar. |

| <i>pingKID – Mobile app for kid learning and playing</i> | |
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| Brief Summary | pingKid is an educational app for kids, running on iOS and Android platform. This app is also free available for SamSung users for 3 months when buy SamSung devices. |
| Technology Stack | Android, iOS. |
| Clients | End-user, SamSung |
| <i>6x25 SMS Gateway and Call Center</i> | |
| Brief Summary | An SMS Gateway fully compliant with SMPP v3.4 and Call Center for customer support using Asterisk software and Sangoma VoIP card. |
| Technology Stack | SMPP v3.4, VoIP, Asterisk, Java. |
| Clients | End-user |

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| VietNamNet Incom (Incom Communication Jsc.) | From 2006 to 2009 |
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About Company: VietNamNet Incom (website: incom.vn) is developing from ISDC center of VASC Company – a member of VNPT. So INCOM is proud of a trusted provider for internet connection, communication technologies such as web hosting, mail hosting, server hosting and valued-added service on these. Besides, INCOM provides internet-based software products and brand-name by 6x89 SMS Gateway.

My Position: Project Manager.

My Responsibility: Build products from scratch, operate and manage products of company.

Products:

| <i>6x89 SMS Gateway and Games Platform on SMS</i> | |
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| Brief Summary | 6x89 SMS Gateway is built for business products of company. We built from ground-up using SMPP version 3.4 to meet the requirement of thousands of transaction a second. This products is also providing brand-name channel for banks as well as games based on SMS platform. |
| Technology Stack | Java, Oracle, SMPP protocol. |
| Clients | Many banks and merchants using 6x89 SMS Gateway. |
| <i>Viet Nam Law (luatvietnam.vn)</i> | |
| Brief Summary | LuatVietNam is the first channel in Viet Nam to provide legal documents, create a solution for sharing legal information, discussing and making transactions related to legal affairs. It makes easily to find out the legal documents and to connect the Vietnam's legal community, helping people eliminate legal risks and cease opportunity to enrich, and contributing to developing a constitutional society in near future. It also provide preliminary legal advices by a network of lawyers, notify new |

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| | documents via emails and SMS. LuatVietNam always grasps new legal issues, summarizes them into succinct notifications, and send them by emails and SMS to the clients that have registered for receiving them according to their interested fields and sectors. |
| Technology Stack | DotNet Framework, SQL Server, ASP.Net |
| Clients | End-users or Corp. |
| <i>iCP.NET (Internet Content Provider)</i> | |
| Brief Summary | iCP.NET (Internet Content Provider) is built and step along with development of INCOM. Born from internet appearance in Viet Nam, iCP.NET solution was provided for many e-newspapers, websites, news portals in ministries, departments and province orgnazations. From iCP.NET version 1.0 using CGI and data on file server, we upgraded to ASP with MS Access database and now iCP.NET solution changed to Framework .NET 3.5 using SQL Server 2008 or Oracle 12i. |
| Technology Stack | CGI, File server, AJAX, DotNet Framework, SQL Server, ASP.Net |
| Clients | Corp. |

VASC Software Development Company

From 2000 to 2006

About Company: VASC is a software company established on March 20th 2000 with initial purpose is to provide value-added service for customers of VNPT. VASC is developed to become well-known and rated as pioneer software company in providing digital content, value-added service for the first days internet come to Viet Nam.

My Position: Software Engineer.

My Responsibility: Build website for customer using web technology version 1.0: static html, perl, visit counter, guest feedback. Manage all websites of company such as vietnamnet.vn, vnn1, vnn2, vnn3 forum. Administrator of first email system in Viet Mam: Vol email system. Fix Y2K issue for customers.

Products: building vietnamnet.vn (VASC Orient - **www.vnn.vn**), vnn1, vnn2, vnn3 forums and Vol email system.

Technology Stack: CGI, Perl, PHP, ASP, MS Access, Oracle 8i, PL/SQL.

Personal Qualifications

- Fluent in English conversation.
- An Innovator and Creative thinker.
- An Independent and Reliable worker.
- A Cooperative team member and leader.
- A Competent and Fast problem solver.
- A Good health and Clear minded person.