Huy Banh

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Solution Architect

SUMMARY

* 15-year experience in software development, solid knowledge in full development cycle in web applications as well as desktop standalone systems. Especially I focus on modularization in object oriented design / development. Recently I started with BigData processing on the Apache Hadoop platform, with HBase, and map/reduce programming model.
* **Core Responsibilities**:
* Building technical architectures for applications/systems in field of enterprise management, internet ecommerce.
* System analysis and design for agile development
* Technically direct the development to fulfill technical design/architect.
* Manage software development/configuration, build company’s technical competencies.

TECHNICAL SKILLS

* **Programming Languages**: Java, JavaScript, ActionScript, C++
* **Frameworks/ Platforms**: Apache libraries, Spring frameworks, Lucene search engine, Eclipse RCP/SWT, modeling system OSGi…
* **BigData**: Apache Hadoop MapReduce, HBASE, Pig, Hive
* **Database Management Systems**: MySQL, Postgres, Oracle, SQL server
* **Tools/IDEs**: Eclipse, maven, ant, Mockito for test mocking…
* **Operating Systems**: Windows, Linux
* **Foreign Languages**: English
* **Management Skills**: project management for high quality software products
* **Soft Skills**: Effective technical communication
* **Others**: Software modeling using UML

EDUCATION

* Ho Chi Minh University of Technologies – Bachelor

ACADEMIC PERFORMANCE

* Cloudera Certified Developer for Apache Hadoop
* Sun certified Enterprise Architect for J2EE
* IBM certified professional in object oriented analysis and design with uml
* Sun certified web component developer for Java 2 Platform, Enterprise Edition.
* Sun certified programmer for Java 2 Platform

Personal Information

* Date of birth: September 15th, 1975
* Marriage with 2 kids

PROFESSIONAL EXPERIENCE

**1/2014 – present : FPT Software**

**Big Data Technical Architect**

* **Project**: DirecTV Cloud Recommendation
* **Description**

DirecTV is one of the biggest broadcast providers in the US. The cloud recommendation system gathers, analyze all user activity information to provide the best viewing recommendation to its subscribers.

* **Responsibility**: Develop data ingestion layer using hadoop technologies (MapRecude, pig, hive, hbase).

**4/2013 – 1/2014: FPT Software**

Solution Architect

* **Project**: Electronic tolling system (ETCC)
* **Description**

ETCC is an unsurpassed suite of services, integrated solutions, and proven products that reliably and accurately collect millions of toll transactions each day on some of the busiest toll facilities.

* **Responsibilities:**

Analyze system design, requirements in preparing for the next generation of ETCC tolling system.

* **Technologies:** Java, Spring core/aop, EHCache, jaxb / jar-rs rest services

**2/2010 – 4/2013 Jinnova Software**

Technical Architect

* **Project**: Web/Mobile stock trading system
* **Description**

The application provides facilities for online stock trading on desktop, web and mobile platforms. Its trading functions are recognized by high speed data broadcasting, comprehensive technical analysis tools.

* **Responsibilities:**
* Lead the design and development of securities/financial systems for securities firms in Vietnam (Phu Hung Securities, APAC securities), which focus on market analysis, stocks analysis and stocks trading.
* **Accomplishments:** Full functional, feature-rich securities trading application on PC/mobile platforms
* **Technologies:** Java with intensive socket based networking

Technical Lead

* **Project**: Integrated CRM system for EVN call center
* **Description**

CRM system servers at the call center of electric power company of Ho Chi Minh city. The software process thousands of calls per day, provides data for call agent to work efficiently at high load.

* **Responsibilities:**
* Lead the design and development of a Customer Relationship Management application for the Electric Power Vietnam Company (Responsible for the whole software development cycle, from working with customer, gathering requirements, building and deploying the system to fully functional)
* **Accomplishments:** 24/7 CRM system for EVN call center, serving thousands of calls per day.
* **Technologies:** Java, Struts 2, Lucence with Oracle database

**7/2008 – 1/2010** **Vincom Securities**

Application Manager

* **Project Description**: Operational managing of securities trading system.
* **Responsibilities:**

In charge of software applications for securities trading, financial information systems. Here I did managing the requirements for applications from various departments, fulfill the needs with participations from external providers.

* **Accomplishments:** (optional)
* **Technologies:** Java, Adobe Flex, ActionScript.

**06/2005 – 06/2008** **Netblue Vietnam ltd.**

**Project Manager**

**Project Description**: Tools for online marketing / data distribution

**Responsibilities:** focusing on online direct marketing to deliver profitable customer to major consumer markets in US. I’m responsible for aspects of developing our product throughout the delivery process, including: gathering requirements, creating design concepts, and working with engineering to successfully implement and deployment of the product.

**01/2003 – 06/2005** **TMA Solutions**

**Technical consultant**

**Project Description:** Internet communication platform

**Responsibilities:** In this position, I mainly work on an internet-based messaging system. The system is about mailing, calendaring for web community, as well as for large enterprises. I am responsible for technical design, implementing of the UI layer. Team building/mentoring is also my work.

**3/2001 – 07/2002** **Infosim Networking Solutions AG**

**Software Developer**

**Project Description:** based in Bavaria, Germany, the company expertise in Networking management & optimization. We develop efficient, effective and reliable solutions for the planning, managing and optimization of communication networks using J2EE architecture. Our product -StableNet PME is a standalone application use to increase network availability and quality by pro-active network management, plan and improve the network by exact knowledge of the traffic requirements, minimize downtime by fast root cause detection and generate billing and accounting data automatically.

**Responsibilities:** I was responsible for leading the GUI development team of the entire product.

**1/2000 – 5/2001** **Aero Information Technology**

**Software developer**

**Project Description:** Web application for enterprise management

**Responsibilities**: Worked in the development team of a web application. This web application was written before in asp, and we rewrote using J2EE technologies.

**1998 – 2000** **International Training School of Commerce, Vietnam, (ITSC)**

**Software Developer**

**Project Description:** ITSC isan US based school for vocational training.

**Responsibilities**: designed and implemented a database application for school management, which includes management of courses, students and human resource.