

TOAN QUACH CHANH

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JAVA ENGINEER

Exceptionally skilled Java engineer with 10 years of progressively senior experience in web application development, project management, and software engineering. Specialize in Java, with particular expertise in Spring and Hibernate. Outstanding talent for translating requirements into feasible technical specifications. Highly skilled at working with team members to achieve project goals on time and within budget. Excellent ability to coordinate the full software development lifecycle, with involvement in all stages of planning, front-end and back-end development, testing, and deployment.

Java Programming • Web Application Development • Project Management • Team Building & Leadership
Software Development Lifecycle • Requirements Management • Software Engineering • System Analysis
Database Design & Development • Test Case Development • User Acceptance Testing • User Interface Design
Web Services • Troubleshooting & Debugging • Systems Implementation • Continuous Process Improvement

Languages: Java, JavaScript, HTML, CSS, PHP, C#, COBOL

Web: EJB, Hibernate, JPA, Spring, RESTful Web Service, Struts

Databases: Oracle, DB2, MySQL, MS SQL, HiRDB

Tools: Eclipse, NetBeans, Jenkins, VisualVM, YourKit Java Profiler, Ant, Maven, Tomcat, WebSphere, Glassfish, Git, SVN, Bugzilla, Jira, Fisheye & Crucible, Gerrit, Confluence, JUnit, Mockito, Selenium, Arquillian, Adobe Photoshop, Adobe Illustrator

Platforms: Mac OS X, Windows, Linux RedHat Enterprise

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

ADNOVUM VIETNAM LLC, Ho Chi Minh City, Vietnam • 2014-2015

Senior Software Engineer

Took an instrumental role in development of multiple key projects, including the TWINT-Payment mobile iOS and android digital wallet app and the Holcim Cement LOGON integrated data management and accounting system. Contributed to requirements analysis, back-end development, and API programming. Managed code reviews, daily and nightly build reviews, and project tracking. Conducted testing and bug fixes. Provided oversight for teams of up to 5 personnel. Managed sprint planning, daily meetings, and communications.

Achievements:

- Optimized the APIs for the TWINT-Payment application for greater ease of use through a complete redesign.
- Recommended implementation of AdNTech seminar presentation technology, allowing users to register for weekly technology presentations that supported knowledge sharing among developer groups.
- Supported the Vietnam team for the LOGON project to eliminate a large volume of bugs and achieve a successful release with high customer satisfaction.
- Gained a promotion to Peer / Team Project Leader, with greater authority and team responsibility.
- **Technical Environment:** Java, JavaScript, HTML, CSS, Struts, EJB, JPA, Hibernate, Selenium, Oracle, H2, Eclipse, Jira, Confluence, Fisheye, Crucible, SVN, Sonar, Jenkins, Thunderbird, SQL Developer, RedHat Enterprise OS.

ROBERT BOSCH ENGINEERING & BUSINESS SOLUTIONS CO. LTD., Ho Chi Minh City, Vietnam • 2013-2014

Senior Software Engineer

Drove development of the ASCET model-based application development and automatic code generation product family, as well as the Simulator block diagram environment for multidomain simulation and model-based design. Handled feature development and implementation, task tracking, daily meetings, spring reviews, code reviews, and testing. Facilitated ongoing system performance improvements.

Achievements:

- Significantly improved application performance by identifying and correcting violations of code conventions.
- Restored project status tracking to create clear insight into progress using Jenkins as a project management tool.
- **Technical Environment:** Java, Eclipse, Git, Gerrit, Sonar, Urban Turtle, Jenkins, MS Outlook, Elcipse RCP, Windows 7.

CSC VIETNAM, Ho Chi Minh City, Vietnam • 2008-2014

Senior Software Engineer (2011-2014)

Software Engineer (2008-2011)

Worked on the iPOS insurance web application, and the Exceed J policy automation platform. Supported design and development of front-end, modules, and test cases. Addressed and resolved bugs and programming issues. Drove ongoing performance improvements.

Achievements:

- Exclusively selected to travel to the U.S. to work directly with the customer on resolving a large volume of critical bugs in the Exceed J platform.
- Delivered highly enhanced performance by eliminating a large volume of bugs in policy modules.
- Drove successful release of Exceed J v1.0 in mid-2010, and guided a customer in completing a major deploying and user acceptance testing.
- Recognized for outstanding performance with a promotion to Senior Software Engineer in 2011, as well as receiving the Key to Success award for the Exceed J v1.0 release.
- **Technical Environment:** Java, HTML, CSS3, JavaScript, ASP.NET, Spring, Hibernate, JQuery, DB2, MySQL, Eclipse, SVN, Lotus Notes, Lotus Sometime, Visual Studio 2008, JIRA, Bugzilla, WebSphere, Glassfish, Jenkins, Windows, COBOL Mainframe.

FPT-SOFTWARE, Ho Chi Minh City, Vietnam • 2005-2008

Software Developer

Served as developer on multiple critical web application development projects for clients in Japan, leveraging in-depth knowledge of Struts, Spring, and Hibernate to drive the full development lifecycle for the front end, business layer, and back-end. Conducted testing and calculated code coverage.

Achievements:

- Honored with high-level commendations for excellence as a project leader and manager.
- Within 18 months of hire, gained a promotion to Team Leader.
- Established a position as a trusted resource and subject matter expert for customer Hitachi Joho.
- **Technical Environment:** Java, HTML, JavaScript, Struts, Spring, Hibernate, Oracle, HiRDB, MS SQL, Eclipse, Visual Source Safe, Defect Management System, Windows XP.

Additionally completed several PHP web application development projects. Details on request.

ACADEMIC PROJECTS

- **Library Management System, Maharishi University of Management:** Programmed a library management application with StarUML for the class diagrams, and functions developed with Java 8 lambda and stream. Created the GUI with JavaFX and SceneBuilder. Implemented file system data saves with a serializable mechanism. Features included membership tracking, publication lists, checkouts, and book / periodical inventory.
- **Stock Management Application, Aptech Computer Education:** Created a desktop application in Jbuilder, Eclipse IDE, and MS SQL, with features including stock import / export, inventory, and order management.
- **Online Cellphone store, Aptech Computer Education:** Built an e-commerce web application in HTML, CSS, and MS SQL, with robust product and shopping cart modules.
- **Stamp Collection Website, Van Hien University:** Leveraged HTML and CSS to create a web application allowing entry and display of information from a stamp collection, with a stamp module and database featuring a list of stamps, stamp details, and static display pages.

EDUCATION

Master of Science in Computer Science: Maharishi University of Management, Fairfield, Iowa

(In progress via distance education; expected completion _____)

Higher Diploma in Software Engineering – Computer Science: Aptech Computer Education – Ho Chi Minh City, Vietnam

Key Courses: Basic Data, Data Structures, Object-Oriented Programming, Advanced Object-Oriented Programming, Programming Language C#, Programming Language VB, Introduction to Software Technology, Operating Systems (Windows & Unix, Web Design)

Bachelor's Degree in Information Technology: Van Hien University – Ho Chi Minh City, Vietnam

Key Courses: Logic Building with C, HTML, DHTML, JavaScript, Web Page Design, Core Java, Advanced Java, JSP, EJB, Introduction to J2EE, Core XML, Introduction to .NET, Programming in C#, Visual Basic .NET, Developing Applications using Windows, ASP.NET & Webforms, COM+ & MSMQ, Advanced .NET Programming, Web Services, SOAP & UDDI, Security in .NET

PROFESSIONAL DEVELOPMENT

Java Standard Edition & Programmer Certified Professional Exam