**JAVA SOFTWARE ENGINEER**

* Accomplished full stack developer with more than 8 years of technical experience leading the design and implementation of large-scale software solutions for fin tech company especially financial domain. Exceptional skills in system and requirement analysis, producing clean, efficient code which follows industry standards for quality control. Strong expertise in modern languages and technologies such as **Java, jQuery, Bootstrap, EJB, JBoss, Tomcat, Spring, Oracle, and MySQL.**
* Expertise in developing applications using **Java, C#, Servlets, JSP, JSP Tag Library, XML, Eclipse, JDBC, JDK, JNDI, ANT, Maven, Web Services, Oracle, MySQL, Junit, Mockito.**
* Extensive design framework experience using, **MVC, Struts, Spring MVC, Hibernate** and legacy client frameworks.
* Developed applications in industry standard application servers like **JBoss, IIS and HTTP Apache 2.4.**
* Reviewed and analyzed business requirements, system requirements and technical specifications.

Java • Back-End Development • Enterprise Applications • SDLC Methodologies

Database Development • Data Migration • Requirement Analysis • Automation Testing

**Languages:** Java, SQL, C#

**Web: JSP,** HTML5, CSS3, JavaScript, jQuery, Bootstrap**, EJB, Spring Framework, Spring MVC, Spring Boot**…

**Web Services:** SOAP, REST API, Micro Service …

**Web/App Servers:** IIS, Apache 2.4, JBoss, Tomcat, Glassfish, RabbitMQ

**Frameworks:** **Spring MVC, Spring Boot, .NET MVC, Struct, Hibernate, EJB, Angular, Junit, Mockito, Power Mock**

**Databases: Oracle**, **MySQL**, **PostgreSQL**, SQLite, MS Access

**Design Patterns:** Singleton, Strategy, Observer, **Composite pattern, iterator pattern**, **Proxy pattern, Adapter pattern, Mediator pattern …**

**SDLC:** Waterfall, Agile

**Tools:** Eclipse, IntelliJ, Visual Studio, SVN, **Git, Bit Bucket, GitHub, Docker, Postman**, UML, Visual SourceSafe.

**Platforms:** Windows, CentOS, Linux

**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).

**SOMOTSOFT, Ho Chi Minh City, Vietnam • Oct-2012** to **April-2019**

Outsourcing company located in the USA, providing a large range of software services for fin tech company that service for banking domain. The client is <https://myvelocity.com/>

**Software Engineer**

Led technical team in the development and maintenance of new banking system features.

**Cash Please Project – Digital Lending**

<https://myvelocity.com/solutions/digital-lending/cashplease/>

**Tasks Performed:**

* Designed and developed framework for **Cash Please** web application project using **Java, Spring MVC, Spring Boot, Hibernate, Oracle, Angular.**
* Developed Rest API for **Cash Please Mobile Application** by using Spring Boot. (<https://play.google.com/store/apps/details?id=cp.cashplease>)
* Produced clean, efficient code in **Java** based on project specifications.
* Refactored existing application code base by applying **design patterns like Singleton, DAO, Factory, and Inversion Control** to make code testable and maintainable.
* Troubleshooting the real time claim processing issues using **Eclipse debugger.**
* Resolved technical errors; maintained and upgraded enterprise systems.
* Code to develop application system across all tiers through compete SDLC phases.

**Achievements:**

* Developed Micro service for Cash Please project that can be using by Mobile and Web application and integrated to Premium Card Project.
* Developed Rest API for Cash Please Mobile Application.

***Technologies Used:******Java, Spring Framework, Spring MVC, Spring Boot, jQuery, Bootstrap, Hibernate, JavaScript, HTML, CSS, Oracle, Apache Web Server, Tomcat, Eclipse, SVN, Git, Postman, Junit, Angular.***

**Premium Card Project**

<https://myvelocity.com/solutions/account-acquisition-and-profitability/my-rewards-premium-cards/>

**Tasks Performed:**

* Designed and developed framework for **Premium Card** web application project using **Java, Spring MVC, Hibernate, Oracle, JSP.**
* Produced clean, efficient code in **Java and C#** based on project specifications.
* Refactored existing application code base by applying **design patterns like Singleton, DAO, Factory, and Inversion Control** to make code testable and maintainable.
* Communicated with clients and supported customers with technical advice and troubleshooting.
* Analyzed specifications based on business documents.
* Resolved technical errors; maintained and upgraded enterprise systems.
* Code to develop application system across all tiers through compete SDLC phases.

**Achievements:**

* Designed and developed framework for back end by using Java for Premium Card.
* Migrated complete system from **JBoss 4** to **JBoss 7.2**.
* Maintained and developed new features for exist system in **Java**.
* Migrated end-user site from **Java** to **.NET MVC 4.0** and vice versa for Premium Card frond end.
* Upgraded server to Apache and JBoss to increase security.
* Migrate Monolith Architecture to micro service from Java 7 to Java 8 by using Spring, C# (end user site, Admin site, Email service).

***Technologies Used:******Java, Spring Framework, Spring MVC, jQuery, Bootstrap, EJB, Hibernate, JavaScript, HTML, CSS, Oracle, MySQL, Apache, IIS, JBoss, IntelliJ, Eclipse, SVN, Git, TFS, Junit, Angular.***

**TMA SOLUTION, Ho Chi Minh City, Vietnam • Sep-2011** to **Oct-2012**

Outsourcing company providing large-scale software services.

**Software Engineer**

Involved in SQA group as Consultant. Played key role in developing automation test tool.

**Tasks Performed:**

* Designed and developed automation test tool to client specifications using Java.
* Analyzed system requirements to ensure quality and performance.
* Established and implemented automation test scripts.

**Achievements:**

* Developed and delivered AM3100 system for ISP's optical network (GPON).

***Technologies Used:******Java, C#, C++, JavaScript, Eclipse, Notepad++, SVN***

**ACADEMIC PROJECTS**

**BOB-IOC Project, MUM (2019):** Worked in a team of 4 to design and develop a web application capable of controlling electronic devices.

***Technologies Used:******Java/J2EE, Spring Boot, NodeJS, MySQL, CSS, Maven, Git, REST web services, Tomcat, IntelliJ, MongoDB.***

**Leaf Project, MUM (2019):** Worked in a team of 4 to implement a web application for booking and managing home stays.

***Technologies Used:******Java/J2EE, Spring Boot, Angular, MySQL, CSS, HTML, jQuery, AJAX, Maven, Git, Tomcat, IntelliJ, MongoDB.***

**EDUCATION**

**Master of Science in Computer Science**

*(In progress via distance education; expected completion April 2022)*

Maharishi International University– Fairfield, Iowa

***Key Courses:*** Modern Programming Practices [CS4019], Algorithms [435],

Web Application Programming [CS47210], Enterprise Architecture [CS54412]*,* Web Applications Architecture [CS54511], Advanced Software Development [525]

**Engineering Diploma in Software Development (Bachelor)** (2005)

University of Information Technology – Ho Chi Minh City, Vietnam