# HA LE

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## SOFTWARE TEST ENGINEER / QA ENGINEER / JAVA DEVELOPER

Quality-centric software engineer with 7+ years of experience ensuring readiness of IT products through planning and implementation of full testing lifecycles. Combines strong technical, analytical, and operational acumen to work collaboratively with teams in delivery of robust technical solutions across diverse organizational platforms.

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Software Development Lifecycle (SDLC) • Java Programming • Object-Oriented Programming
Front-End & Back-End Development / Implementation
Test Frameworks • Quality Assurance (QA)

**Languages:** Java, Python
**Web:** Restful, ThymeLeaf, JSP, Bootstrap, Web Services, HTTL/HTML5, CSS, Jquery, Ajax, Json, Servlet
**Frameworks:** Spring MVC, Spring Boot, Spring Data JPA, Spring messages, AOP, Hibernate
**Databases:** SQL, MySQL, No SQL
**Design Patterns:** Singleton, Factory, Prototype, Facade
**SDLC:** Agile, Waterfall
**Tools:** IntelliJ, eclipse, Test Complete, Jira, Jazz, Jenkins, TeamCity, VMware, Virtual Box, Git, GitHub, Bitbucket
**Platforms:** Windows, Mac

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## 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).

**DATALOGIC LLC, Ho Chi Minh, Vietnam • 2017-2020**
Designer and producer of barcode readers, mobile computers, and vision devices.

**Software Test Engineer**
Drove quality control of new products, implementing full testing lifecycle with focus on identifying and eliminating issues / bugs.

- Played key role in design and development of auto system test for key project, including planning, cases, and execution phases.
- Created auto test script (Python) and test framework integrated with CI / CD system on Jenkins.

***Technologies Used:*** Python, Test Complete, Batch Script, Visual Studio, Git, GitHub, Jenkins

**OPSWAT VN, Ho Chi Minh, Vietnam • 2013-2016**
Provider of secure online and system solutions.

**QA Software Engineer**

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- Served as member of client-side team focused on system quality assurance.
- Performed expert design and implementation of automated system testing.
- Designed and executed test plans and cases.
- Created auto test script (Python) to connect with application service running under system.
- Automated test for RESTful API.
- Created auto test script (Python) integrated with CI / CD system on TeamCity.

***Technologies Used:*** Python, Batch Script, RESTClient, Visual Studio, TeamCity, Git, Bitbucket, Command Line, JSON

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## ACADEMIC PROJECTS

**Secure Online Auction System, MIU (2020):** Developed innovative online auction system, implementing price bidding business model as well as binary classification fraud detection.
***Technologies Used:*** Spring Boot, Spring Data JPA, ThymeLeaf, Spring Security, Lombok, Json, Ajax, Restful, Hibernate Validation, IntelliJ, Git, GitHub, Maven, jQuery

**Itravel, MIU (2020):** Built social system that enabled users to share posts, images, location, and additional information as well as send and receive notifications.
***Technologies Used:*** Spring MVC, JSP, Ajax, JSON, Git, GitHub, jQuery, JavaScript, Tomcat

**Library Management System, MIU (2020):** Completed project to help manage library system.
***Technologies Used:*** Java, JavaFX, Git, GitHub

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## EDUCATION

**Master of Science in Computer Science**
*(In progress via distance education; expected completion April 2023)*
Maharishi International University – Fairfield, Iowa

***Key Courses:*** *Model Programing Practices, Web Programing, Web Application Architecture, Algorithm, Enterprise Architecture.*

**Bachelor Degree in Electronics and Telecommunication** (2011)
Dalat University, Dalat, Lam Dong