**WIN EI KHAING**

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**SOFTWARE ENGINEER**

Versatile software engineer with more than 4 years of experience designing, developing, testing, and maintaining a wide variety of software solutions. Familiar with all phases of the Software Development Life Cycle for both front-end and back-end components, including requirement gathering, coding, implementation, testing, and maintenance. Expertise includes languages and tools like C#, Java,.NET Framework, Spring Framework, MS SQL, Visual Studio, and Git.

Software Development Life Cycle • System Design • C# & Java Programming • Database Development

Requirement Gathering • Testing & Troubleshooting • Documentation • RFID Integration

**Languages:** C#, Java

**Web:** HTML5, CSS3, JavaScript, Bootstrap, React

**Web Services:** REST API

**Web/App Servers:** IIS, Tomcat

**Frameworks:** Kendo, .NET, .NET Core, Spring, Spring Boot, Entity Framework, Hibernate

**Databases:** MS SQL, MySQL

**Design Patterns:** MVC, Singleton, Prototype, Observer, Proxy, Session Factory, Multi-Threading, Template, Façade

**SDLC:** Agile-Scrum, Waterfall

**Tools:** Visual Studio, Visual Studio Code, Eclipse, IntelliJ IDEA, Trello, SVN, Git, Postman, StarUML

**Platforms:** Windows, Mac OS

**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).

**ETAG RFID, Yangon, Myanmar • May 2019 – July 2021**

A software house providing RFID-related solutions in Myanmar, with head office in Singapore.

**Software Engineer**

Key contributor to both front-end and back-end software development, implementation, and testing.

* Proposed and implemented MS SQL database design.
* Developed comprehensive web applications, C# Windows Forms applications, and APIs.
* Integrated RFID and reader technologies into new and existing systems.
* Prepared documentation, such as UAT and operation manuals.

***Technologies Used:*** *C#, .NET, .NET Core, HTML5, CSS3, JSON, JavaScript, jQuery, Kendo, MS SQL, SVN, Git, Bootstrap, REST, IIS, Entity Framework*

**UNIQUE COMM, Yangon, Myanmar • Dec 2018 – April 2019**

A telecommunications and Information Technology company.

**Junior .NET Developer**

Participated in accounting software development, beginning with requirement gathering.

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**UNIQUE COMM, continued:**

* Communicated with customers to gather requirements and perform maintenance.
* Developed web applications for accounting and warehouse management.
* Tested software using unit, integration, and user acceptance testing techniques.
* Prepared user manuals and other documentation.

***Technologies Used:*** *C#, .NET, JSON, JavaScript, jQuery, MS SQL, Bootstrap, REST, IIS*

**MANDALAY CITY DEVELOPMENT COMMITTEE, Mandalay, Myanmar • Sept – Nov 2018**

A governmental office for city development.

**Software Tester** (volunteer)

Conducted software testing and created reports for the government.

* Thoroughly tested and troubleshot e-government software projects.
* Wrote and implemented test cases and test result documentation.
* Provided suggestions and advice on usefulness of proposed government projects.

***Technologies Used:*** *Java, Spring, PHP, MS SQL, MySQL, Bootstrap, IIS*

**GRAPE CITY, Yangon, Myanmar • May – July 2018**

A software testing company for software developed in the head office in Japan.

**Software Tester** (intern)

Investigated, tested, and reported bugs.

* Developed C# Windows Forms applications with MS Access databases.
* Prepared test points, test scenarios, and test cases.

***Technologies Used:*** *C#, MS Access*

**FREELANCE, Mandalay & Yangon, Myanmar • May 2017 – Nov 2018**

In collaboration with 5 other freelancers.

**Freelance Developer**

Active participant in the full Software Development Life Cycle for a variety of clients.

* Contacted and communicated with clients to gather project requirements.
* Analyzed requirements to determine business needs and create technical specifications.
* Proposed and implemented database designs.
* Developed comprehensive web applications, Windows Forms applications, APIs, and web services using a broad variety of client-required technologies.
* Tested software using unit, integration, and user acceptance testing techniques.
* Prepared user manuals, UAT, and operation manuals, and other documentation.
* Provided project support and maintenance after deployment.

***Technologies Used:*** *Java, Spring, MS SQL, MySQL, Bootstrap, React, Tomcat*

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**ACADEMIC PROJECTS**

**Blog API, MIU (2022):** Created a blogging API as a group of 3, with 3 called microservices (User, Post, and Comment). ***T***

***echnologies Used:*** *Spring Boot, MySQL, Hibernate*

**Library Management System, MIU (2021):** Worked with a team of 4 to develop a library management application capable of registering authors, books, and library users; and completing the checkout process.

***Technologies Used:*** *Java Swing*

**Mini Online Market System, MIU (2021):** In a team of 5, developed an online market application allowing sellers to add products, buyers to create orders, admins to manage seller accounts, and users to trace order and payment status.

***Technologies Used:*** *Spring, REST API, React, Hibernate*

**EDUCATION**

**Master of Science in Computer Science**

*(In progress via distance education; expected completion April 2024)*

Maharishi International University – Fairfield, Iowa

***Key Courses:*** *Fundamental Programming Practice, Modern Programming Practice, Web Application Programming, Web Application Architecture, Enterprise Architecture, Algorithm*

**Bachelor of Computer Science in Software Engineering** (2018)

University of Computer Studies – Mandalay, Myanmar

**PROFESSIONAL DEVELOPMENT**

Certificate, Information Technology Passport – ITPEC

Certificate, Fundamental Engineering – ITPEC