**WIN KHAING**

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**SOFTWARE ENGINEER**

Versatile software engineer with more than 3 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, REST, .NET Framework, MS SQL, Visual Studio, and Git.

Software Development Life Cycle ∙ System Design ∙ C# Programming ∙ Database Development

Requirement Gathering ∙ Testing & Troubleshooting ∙ Documentation ∙ RFID Integration

**Languages:** C#, Java, React

**Web:** HTML5, CSS3, JavaScript, JSON, jQuery, Bootstrap

**Web Services:** REST API

**Web/App Servers:** IIS

**Frameworks:** Kendo, .NET, Spring, Spring Boot

**Databases:** MS SQL

**Design Patterns:** MVC

**SDLC:** Agile-Scrum

**Tools:** Visual Studio, Visual Studio Code, 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 ∙ 2019-2021**

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, HTML5, CSS3, JSON, JavaScript, jQuery, Kendo, MS SQL, SVN, Git,* Bootstrap, REST, IIS

**UNIQUE COMM, Yangon, Myanmar ∙ 2018-2019**

A telecommunications and Information Technology company.

**Junior .NET Developer**

Participated in accounting software development, beginning with requirement gathering.

* Communicated with customers to gather requirements and perform maintenance.
* Developed web applications for accounting and warehouse management.

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* 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 ∙ 2018**

A governmental office for city development.

**Software Tester**

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 the usefulness of proposed government projects.

***Technologies Used:*** *PHP, MS SQL,* Bootstrap, IIS

**GRAPE CITY, Yangon, Myanmar ∙ 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*

**ACADEMIC PROJECTS**

**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):** Worked with a team of 5 to develop a mini online market application capable of adding products by sellers, creating orders by buyers, tracing order status and payment status by related user, allowing order status to edit by seller until delivery finished and managing seller account creation by admin.

***Technologies Used:*** *Spring for Backend(REST API) and React for Frontend*

**Blog API, MIU (2022):** Worked with a team of 3 to develop 3 microservices(called User, Post and Comment web services) and 1 API(Blog API) which will make calls to the 3 microservices.

***Technologies Used:*** *Spring Boot, MySQL*

**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