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, AngularJS
Web Services: REST API
Window Services: WCF
Web/App Servers: IIS, Tomcat
Frameworks: Kendo, .NET, .NET Core, Spring, Spring Boot, Entity Framework, Hibernate
Databases: MS SQL, MySQL
Design Patterns: MVC, Singleton, Observer, Strategy, Template, Chain of Responsibility, Proxy, Factory, Adapter, Multi-Threading, Façade
SDLC: Agile-Scrum, Waterfall
Tools: Visual Studio, Visual Studio Code, Eclipse, IntelliJ IDEA, Trello, SVN, Git, TFS, 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).

LHS Productions Inc., d/b/a VideoBank, New Jersey, USA • June 2022 – Present
A software house providing enterprise data management systems to different business domains.

Software Engineer
Key contributor to front-end and back-end software development, debugging, testing, deployment, and maintenance.

- Analyze user requirements, define functional and technical specifications using Agile methodologies
- Design, develop and modify applications by applying software pattern designs with .NET technology
- Work for web applications, C# Windows Forms applications, Web Services, Windows Services and APIs
- Configuration and deployment

Technologies Used: *C#, .NET, ASP.Net, HTML5, CSS3, JSON, JavaScript, jQuery, AngularJS, MS SQL, TFS, Bootstrap, REST, WCF, IIS*

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.

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

ACADEMIC PROJECTS

Blog API, MIU (2022): Created a blogging API as a group of 3, with 3 called microservices (User, Post, and Comment).
__Technologies 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, Advanced Software Development

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