**SWE NAING**

• 641-819-2187

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**SOFTWARE ENGINEER**

Accomplished application developer with 10+ years of experience using the Software Development Life Cycle to analyze, design, engineer, and implement a broad variety of large-scale, data-intensive applications. Innovative problem solver, able to easily learn new technologies and use them to enhance systems, software, and development workflow. Expertise includes languages and tools like Java, .NET, JavaScript, REST, Spring, MS SQL, Oracle, and SourceSafe.

Major SDLC Phases • Web Services • Design Patterns • Project Leadership • Java & .NET Programming

Object-Oriented Concepts • User Interface • Front End & Back End • SOA • Testing & Troubleshooting

Database Development • Microservices • Data-Intensive Applications • Documentation

**Languages:** C#, Java

**Web:** HTML5, CSS3, JavaScript, AJAX, jQuery

**Web Services:** RESTful, SOAP

**Web/App Servers:** IIS

**Frameworks:** .NET, Spring (Core, MVC, Boot), React.js, Node.js, Express.js, Angular

**Databases:** MS SQL, Oracle

**Design Patterns:** Factory, Template, Singleton, Adapter, Composite, Façade, Proxy, Command, Iterator

**SDLC:** Agile/Scrum

**Tools:** Visual Studio, Eclipse, SourceSafe, Crystal Report, Git

**Platforms:** Windows

**PROFESSIONAL EXPERIENCE**

**Technology Solutions Associates, LLC• Mar 2024 – Present**

**Senior Software Developer**

• Work on multiple tasks assigned with periodic guidance from the lead developer.

• Strive to develop code that is efficient and resilient.

• Review and debug code as well as code written by other developers.

• Work with others on the team, to achieve optimum results.

• Provide an estimated amount of time it will take to develop assigned functions.

• Meet with project managers to ascertain the requirements and requested design of projects.

• Diagnosing bugs and improving previously written code

• Using automated testing frameworks

• Foreseeing issues and designing around them and integrating industry best practices in every project

• Estimating the amount of time, a given function will take to developer.

• Effectively communicating with project manager and client if necessary

**Technologies Used: .**Net Core#, MS SQL, Visual Studio,DevExpress, Azure Devops, Agile Development.

**Fast Enterprises, Boston, MA, USA • Nov 2022 – Nov 2023**

Providing a wide range of software services to partner with national, state/provincial, and local government agencies around the world.

**Software Developer/Implementation Consultant**

* Consult with clients to understand their business needs and how to implement the software.
* Implement new features and navigate them through testing and deployment using SQL and C#.Net using Agile methodology.
* Create and modify SQL queries to efficiently retrieve data from a relational database.
* Configure client-specific functionality to meet each unique requirement.
* Perform detailed analysis of business requirements and specifications provided by the users and analysts.
* Code and test applications.
* Coordinate and communicate with users.

***Technologies Used:*** *.Net Core,C#, MS SQL, Visual Studio, Agile Software Development Technology.*

**MINDTECK SINGAPORE, Singapore • 2012-2021**

An outsourcing company providing a wide range of software services.

**Senior Software Developer**

Provided design and development services to clients **SBS Transit** and **HP Inc Singapore**

* Gathered and analyzed project requirements, system information, and business needs to recommend and plan new or modified replacement systems.
* Consulted with engineering staff to evaluate software-hardware interfaces.
* Designed, programmed, simulated, and tested automated machinery and processes.
* Collaborated with project manager, engineering teams, and technical officers for on-time delivery.
* Developed manufacturing execution systems, data acquisition, and system integration.
* Conducted practical debugging, troubleshooting, and support in complex applications and systems.
* Documented and performed thorough unit and functional testing for high-quality, bug-free code.
* Modified software to fix errors, adapt new hardware, improve performance, and upgrade interfaces.
* Re-engineered existing multiple data management and machine control systems, adding and combining features into one dynamic application which improved efficiency and productivity.
* Prepared user manuals and deployed finished systems. Maintained and supported databases.

***Technologies Used:*** *C#, ASP .NET, ADO .NET, C++, VC++, VB, Win Forms, MVC, MS SQL, Oracle, XML, Visual Studio, SourceSafe, Digital I/O Cards, Motion Controllers, Sockets, Networks*

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**PRIMALUX TECHNOLOGY, Singapore • 2011-2012**

Software Company providing software services for Risk Management System, Pipeline Integrity Management and Structural Integrity Management of Brunei Shell Petroleum.

**System Analyst**

Worked closely with Project Managers to identify and deploy resources to support system development.

* Analyzed and designed client requirements and developed targeted software solutions.
* Wrote comprehensive summary reports and statistical application reports.
* Used ADO .NET to create pipelines to record device data, export to Excel, and import to Oracle.
* Implemented database tables, stored procedures, functions, and views.
* Reviewed and tested developed modules. Prepared user manual.
* Maintained and reviewed finished application and database objects for potential enhancements.
* Upgraded systems according to customers' requirements.

***Technologies Used:*** *ASP .NET, C# .NET, ADO .NET, .NET Charting, Oracle, IIS, AJAX, XML, JavaScript, Crystal Report, N-Tier Architecture*

**Singapore • 2009-2010**

Freelance Development

Analyzed and modified client requirements, and defined system specifications.

* Performed data migration from MySQL 5.0 to MS SQL Server 2000.
* Developed administrative offline web application for internal and external users.
* Created master pages, database tables, stored procedures, and data functions.
* Reviewed and tested all developed modules. Wrote user manual documentation.
* Configured, upgraded, and installed programs, and trained end users.

***Technologies Used:*** *ASP .NET, VB .NET, ADO .NET, AJAX, JavaScript, HTML, XML, MS SQL, IIS*

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**ACADEMIC PROJECTS**

**Library Management System, MIU (2022):** As a team, designed and developed an application which a librarian can use to check out books for library members, and administrators can use to maintain the book collection and library member data.

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

**Blog API, MIU (2022):** As a team, designed and developed a RESTful API for a blogging application.

***Technologies Used:*** *Spring MVC and Spring Boot and Hibernate*

**Mini Online Market, MIU (2022):** As a team, designed and developed an application which an admin approving buyer reviews, seller or buyer can use to manage the product, orders and delivery.

***Technologies Used:*** *Spring MVC, Spring Boot and React*

**EDUCATION**

**Master of Science in Computer Science**

*(Completed in Nov-2023)*

Maharishi International University – Fairfield, Iowa

***Key Courses:*** Fundamental Programming Practice, Modern Programming Practice, Algorithm,

Web Application Programming, Enterprise Architecture, Web Applications Architecture

**Graduate Diploma in System Analysis & Design**

National University of Singapore – Singapore

**Bachelor of Engineering in Information Technology**

Yangon Technology University – Yangon, Myanmar