TOE AUNG

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SENIOR .NET DEVELOPER

Senior .Net developer with over 10 years of professional experience developing enterprise applications across diverse sectors like healthcare and environmental science in a fast-moving and deadline-driven environments. Excel in building new applications and modernizing legacy applications using innovative technologies following best practices ensuring scalability, performance, and reliability. Able to effectively manage independent projects, as well as collaborate as part of a production team. Proficient in .Net, C#, VB.Net, React, REST, MSSQL, MySQL, and Microservices architecture.

• SOLID • Data Structures • Object Oriented Programming (OOP) • Database Management • Code Version Control
• Software Design & Architecture • Performance Optimization • Efficiency Improvement

Languages: C#, JavaScript
Web: HTML5, ReactJS, ExpressJS, AngularJS, Bootstrap, jQuery
Web Services: REST, SOAP, JSON, XML
Web/App Servers: IIS Server
Frameworks: .NET, .NET Core, .NET MVC, .NET Identity, .NET Entity Framework
Databases: MSSQL, MySQL
Design Patterns: Singleton, Factory
SDLC: Agile, Scrum, Waterfall
Tools: MSSQL Server, MySQL, Visual Studio Code, Microsoft Visual Studio
Platforms: Windows, Linux
Application/Software: Sage CRM

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).*

ST ENGINEERING PTE LTD, Singapore, Singapore • 01/2023 – 01/2024
ST Engineering is the world's largest commercial airframe MRO service provider.

Senior Software Engineer
Designed, developed, and maintained web portal for aviation asset management.

- Developed a Web Portal for Aviation Asset Management using the ASP.NET Core and C#, improving operational efficiency, enhancing user experience, and ensuring seamless issue resolution.
- Engineered new features, such as demand and order management features for the Aviation Asset Management Web Portal, following technical specifications and user requirements to improve user experience and functionality.
- Led the maintenance and troubleshooting of the Task Card Automation WPF application, utilizing C# and WPF to ensure uninterrupted operations and resolve critical issues, ensuring 100% system uptime.
- Conducted comprehensive internal testing and debugging of the Task Card Automation WPF application using unit tests and debugging tools to ensure stable performance and improved reliability.
- Optimized operational efficiency by automating key Robotic Process Automation Process using UI Path in Task Card Automation, leading to a 30% reduction in man-hour usage and increased team productivity.

Technologies Used: *HTML, CSS, Blazer, DevExpress, JavaScript, C#, ASP.Net core 6, .NET WPF, SQL, MSSQL Database 2018, Azure DevOps.*

AUTOMATIC CONTROLS AND INSTRUMENTATION PTE LTD, Singapore, Singapore • 08/2020 – 01/2023
Automatic Controls and Instrumentation Pte Ltd is one of the leading System integrators in Singapore.

Tech Team Leader • 02/2021- 01/2023

- Developed a web portal for IoT data analysis, utilizing React.js, .Net Core, C# and providing significant improvements in scalability, productivity, and data accuracy.
- Performed data analysis for Fish Behavior Monitoring System to classify data based on sensor data using Python and data analytics tools to extract actionable insights, improving data accuracy and project decision-making.
- Collaborated with different clients, actively engaging in meetings to ensure alignment with project objectives and requirements.

Senior Software Engineer • 08/2020 - 02/2021

- Developed and maintained a public service management portal with ReactJS, ASP.NET Core, and SQL Server, enabling real-time data visualization and IoT data analysis.
- Deployed the Web Portal project in production environments using Docker to ensure seamless scalability and smooth deployment, reducing deployment time by 20%.
- Designed and optimized MySQL databases for the Portal, improving storage, retrieval, and query performance through indexing, caching, and query optimization.
- Led a team of five developers using Agile, ensuring on-time project delivery, meeting 90% of client requirements, and boosting productivity by 15%.

Technologies Used: *ReactJS, Express.js, ASP.NET core 3.1, C#, MySQL Database, SQL Server, Docker, Python.*

NCS PTE LTD, Singapore, Singapore • 05/2019 – 05/2020

NCS Pte. Ltd. is a multinational information technology company headquartered in Singapore.

Support Lead

- Designed and implemented an advanced IoT Portal using AngularJS, ASP.NET Core, and C#, leveraging modern microservices architecture and Docker to deliver a scalable, efficient, and containerized solution.
- Integrated the IoT Portal with a Message Queue using MQTT protocol, enabling real-time data communication and processing for IoT devices.
- Deployed the application and prepared unit tests using Chrome Selenium, ensuring robust automation testing and validation of application functionality.

Technologies Used: *ASP.NET core 2.2 using C#, Docker, MS SQL 2016, AngularJS*

MARKONO PRINT MEDIA PTE LTD, Singapore, Singapore • 01/2016 – 05/2019

Markono Print Media Pte Ltd provides digital and offset printing services.

Senior Software Engineer

- Engineered and integrated a comprehensive Inventory Management and Sales Order module into the Inventory Management Web Portal using ASP.NET, enabling customers to submit printing job orders and retrieve warehouse stock efficiently, resulting in a 30% improvement in operational efficiency.
- Diagnosed and addressed critical user/customer issues across diverse levels in the Web Portal, achieving a 25% reduction in reported incidents and significantly boosting user satisfaction.
- Designed and deployed RESTful APIs for managing Shipment Orders, ASNs, and POs using ASP.NET Web API, optimizing data workflows and reducing processing time by 15%.

Technologies Used: *ASP.NET 3.5 using C#, MS SQL 2008 R2, Business Intelligence and Reporting Tools using Eclipse*

ICS MULTIMEDIA PTE LTD, Singapore, Singapore • 01/2016 – 07/2016

ICS is an Australian software development company, specializing in enterprise software.

Application Developer

- Developed new Change Requests and maintenance for the existing projects and implemented new Service Request and to support the issues raised by users.

Technologies Used: *ASP.Net 3.5 using C#, MS SQL 2008 R2, SSRS Reports.*

Older professional experience (11/2011 – 10/2015) can be provided upon request.

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion 04/2026)
Maharishi International University, Fairfield, Iowa

Key Courses: Algorithms, Web Programming, Web Application Architecture, Modern Web Applications, Cloud Computing

Masters in Computer Science
University of Computer Studies, Yangon, Myanmar (08/2008)

Honours in Computer Science
University of Computer Studies, Yangon, Myanmar (02/2005)

Bachelor in Computer Science
University of Computer Studies, Yangon, Myanmar (02/2004)