HNIN NANDAR ZAW

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SENIOR LOW CODE DEVELOPER

Senior Low Code Developer with over 5 years of experience specializing in enterprise applications and ERP solutions across healthcare, education, and finance sectors. Experienced in OutSystems low-code development for building scalable web and mobile applications, with expertise in Odoo ERP implementation and ASP.NET development. Proficient in Agile methodologies, SQL databases, and API integrations, with additional skills in Java, Spring, and React. Focused on delivering practical, high-performance solutions that meet business needs.

● Low-Code Application Development ● API Design and Integration ● Database Management ● Deployment ● SAAS
● Version Control ● Containerization ● Performance Optimization and Scalability ● CI/CD ● UX/UI Best Practices

Languages: JavaScript, Python, C#, SQL, XML, HTML, CSS
Web: HTML, CSS, Reactive Web, ASP.NET, OutSystems Reactive Web
Web Services: REST API, SOAP, JSON, XML
Web/App Servers: IIS (Internet Information Services), OutSystems Platform Server
Frameworks: ASP.NET, .NET Framework, OutSystems, Odoo, ADO.NET, Windows Forms, Docker
Databases: PostgreSQL, SQL Server, Database Design, Database Optimization, Stored Procedures, Indexing
SDLC: Agile, CI/CD, DevOps,
Tools: Git, Docker, Azure App Service, AWS EC2, Azure DevOps, AWS CLI, SQL Server Management Studio (SSMS), OutSystems Service Studio, Chart.js, Crystal Reports Designer, Postman, Stripe API,
Platforms: Windows, Linux, Mobile (iOS/Android), Azure, AWS
Big Data: Data Aggregation, Query Optimization

*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).*

PROFESSIONAL EXPERIENCE

WEESWARES PTE LTD, Singapore, Singapore (Remote) ● 10/2023 – 04/2025
Singapore-based IT services and consulting firm specializing in mobile apps, enterprise solutions, and cloud solutions for healthcare, transportation, and finance sectors.

Outsystems/Odoo Software Engineer
Delivered enterprise-grade solutions for Singapore Red Cross and an Elderly health care system.
- Built donation management system using OutSystems and Stripe API, processing payments and generating automated receipts for 200+ Red Cross donors, reducing manual processing time by 40%.
- Developed mobile volunteer coordination app with real-time tracking and transportation management, streamlining operations for 200+ active volunteers across multiple community events.
- Implemented role-based access control for multi-user platform serving drivers, volunteers, and clients, ensuring data privacy compliance across 3 user types with granular permissions.
- Engineered 8+ custom CRM modules using Odoo framework for Elderly Health Care system under Singapore government tender, serving 1,000+ users across multi-tenant architecture.
- Optimized database queries using PostgreSQL and Odoo ORM, reducing average response time by 60% and improving system performance for complex reporting workflows.
- Created offline-capable mobile forms for 50+ field volunteers, enabling uninterrupted data collection and reducing data loss by 95% through automatic cloud synchronization.
- Integrated automated scheduling and event management using OutSystems BPT workflows, reducing scheduling conflicts by 75% and tracking 10,000+ volunteer hours annually.

__Technologies Used:__ OutSystems, Odoo, PostgreSQL, SQL Server, JavaScript, Python, Stripe API, REST API, SOAP, XML, Mobile Development, Low-Code Development, Database Optimization, API Integration, Payment Processing.

FPT SOFTWARE, Da Naung, Vietnam (Remote) ● 12/2022 – 9/2023
Global IT services provider delivering digital transformation, AI, and cloud solutions to 1,000+ clients, including 89 Fortune 500 companies, across 30 countries.

Outsystems and Middleware Developer
Developed real-time analytics dashboard for Malaysia's national oil and gas company.
- Engineered real-time analytics dashboard using OutSystems and Chart.js for oil & gas client, displaying live market data and operational metrics that reduced report generation time from hours to seconds.

- Optimized SQL query performance using advanced indexing and aggregation strategies, reducing dashboard load times by 70% and enabling analysis of 1M+ data points in real-time.
- Integrated data engineering pipeline with optimized database connections, ensuring real-time synchronization across 5+ data sources with 99.9% uptime.
- Implemented caching and data refresh strategies supporting 10,000+ concurrent users with sub-2-second response times during peak operations.

Technologies Used: *OutSystems, Chart.js, JavaScript, SQL, PostgreSQL, SQL Server, HTML, CSS, REST API, JSON, Data Visualization, Database Indexing, Query Optimization, Caching, Reactive Web Development.*

WEESWARES PTE LTD, Singapore, Singapore (Remote) • 11/2019 – 11/2022

Outsystems Software Engineer
Developed end-to-end enterprise applications for education and internal operations.
- Developed 3 OutSystems enterprise applications for Singapore Management University: e-receipt management, permit-to-work workflow, and FairPrice incident reporting, serving 5,000+ campus users.
- Built e-receipt management system digitizing expense approvals, reducing processing time from 5 days to same-day and eliminating paper-based submissions for finance operations.
- Engineered permit-to-work safety compliance platform with automated workflows and notifications, reducing permit approval time by 60% while ensuring regulatory compliance.
- Created incident reporting system with real-time alerts and analytics dashboards, improving response times and enabling data-driven facility management decisions.

Technologies Used: *OutSystems, JavaScript, SQL Server, REST API, Reactive Web, Workflow Automation, Database Design, Single Sign-On (SSO), Mobile Development.*

DIS TECHNOLOGY, Yangon, Myanmar • 07/2019 – 10/2019
Through innovation, DIS Technology helps companies to improve productivity, accelerate growth and manage risks.

Junior .NET Developer
Contributed to the development and implementation of the HR Management System.
- Built a payroll calculation module using ASP.NET Windows Forms and SQL Server, automating salary processing for 1,000+ employees and saving 6 hours per payroll cycle.
- Designed and implemented a real-time attendance tracking system with ASP.NET and SQL Server, digitizing paper records and reducing data entry time by 80%.
- Created payslip generation functionality using Crystal Reports integrated with ASP.NET, streamlining monthly payroll distribution and reducing processing time from 2 days to 2 hours.
- Engineered database schema with 15+ tables and stored procedures for payroll and attendance modules using SQL Server, ensuring data integrity and improving query performance by 60%.
- Implemented attendance reporting with SSRS, delivering comprehensive workforce analytics and reducing manual report generation from 4 hours to 15 minutes.

Technologies Used: *ASP.NET, Windows Forms, C#, SQL Server, ADO.NET, Crystal Reports, SSRS (SQL Server Reporting Services), Stored Procedures, Database Design.*

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion 12/2027)
Maharishi International University, Fairfield, Iowa

Key Courses: Software Engineering, Algorithms, Enterprise Architecture, Software Architecture

Bachelor of Science in Computer Science
University of Computer Studies, Kalay, Myanmar (09/2019)

CERTIFICATIONS

Associate Reactive Developer (OutSystems 11) - Apr 2023
Web Developer Specialist (O11) - Dec 2025