

BALA SINGAM

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SOFTWARE & WEB DEVELOPER: C#.Net, ASP.Net, Java

Hands-on technical leader nearing completion of an MSCS and with 4 years experience driving application development projects through all phases of the software development life cycle (SDLC), from initial requirements gathering, design, and development through testing, deployment, and ongoing support. In-depth expertise in object-oriented development and relational database design principles along with a strong background in C#.Net, SQL Server, ASP.Net, Web Services, and Java technologies. Skilled at collaborating with project managers to ensure the consistent attainment of project goals and quality standards.

TECHNICAL SKILLS & EXPERTISE

.Net: C# • Generics • Delegates • Collections • Linq • XML • SMO • SSRS API
Web Services • Datagrid • WCF • nHibernate • Visual Basic

Databases: SQL Server Administration & Reporting • T-SQL
SQL Server Integration • MySQL • MS Access • db40

Web: ASP.Net WebForm • ASP.Net MVC • ASP • JSP / Servlet • JSF • PHP
Web 2.0 • Ajax • JQuery • HTML • XHTML

Application Server: IIS • Apache • Tomcat • SharePoint

Object Oriented Development: Java • P2i • UML • Rational Rose • EclipseUML • OOAD

Design Patterns: GOF-Creational, Structural, Behavioral **IDE:** Visual Studio • Netbeans

Source Control: Subversion • CVS **Bug Tracking:** JTrac **Testing:** JUnit • NUnit

EDUCATION & CERTIFICATIONS

Master of Science in Computer Science (4.0 GPA)

(in progress via part-time, distance education)

Maharishi University of Management, Fairfield, Iowa

Bachelor of Science in Computer Science (Honors)

Management & Science University, Selangor, Malaysia

Microsoft Certified Technology Specialist (MCTS): .Net Framework, Web Applications

Microsoft Certified Professional Developer (MCPD): Web Developer

PROFESSIONAL EXPERIENCE

CONSOLSYS TECHNOLOGIES, Kuala Lumpur, Malaysia • 2005-2009

One of Southeast Asia's leading banking solutions providers.

Senior Software Engineer

Contributed to all phases of the software development life cycle (SDLC) for a wide variety of internal R&D projects and client engagements, providing expertise spanning design, coding, and unit testing as well as customer requirements gathering, system integration testing, and user acceptance testing. Managed assignments encompassing multiple concurrent projects, collaborating across teams to ensure the ongoing achievement of project goals.

CONSOLSYS TECHNOLOGIES (*continued*)

Consolsys Reporting Services R&D Project:

- Collaborated directly with the CTO as lead R&D engineer in conceiving and developing 2 new product solutions.
- Delivered dramatic reductions in development time with a custom RDLC control enabling generation of dynamic RDLC reports supporting user entry parameters.
- Achieved a major innovation to user-level report filtering within the banking domain by designing a Reporting Services library allowing both automated report filtering based on established parameters in conjunction with user-created parameters.

CIMB Bank Malaysia Client's Western Union Reconciliation System:

- Managed ongoing support and maintenance of the client's existing system with a continuous focus on identifying opportunities to improve performance and enhance system attributes.
- Increased system performance 90%, securing accolades from the client, by enhancing storage procedures following extensive research into end user and product owner issues.

Consolsys Software Distribution System (CSDS) & MetroBank Philippines Client:

- Significantly improved this system's usability by implementing user-friendly and wizard-based user interfaces for the intelligent distribution of software patches to client computers across LANs and WANs.
- Ensured long-term product expandability by employing object-oriented concepts in migrating this existing Visual Basic application to a .Net framework.

Additional projects included:

- Direct interaction with clients such as Maybank Singapore, Maybank Malaysia, Alliance Bank Malaysia, and RHB Bank Malaysia to design and implement customized solutions.
- Led small development teams in strategizing, designing, and deploying .Net reporting, SQL Server Reporting Services, and Integration Services solutions within the Business Performance Analysis System (BPAS) product for several clients.
- Teaming in the research and development of an Investment Account module backend system in WebSphere Application Server J2EE for the company's Islamic Banking Solution.

MALPROSOFT SOLUTIONS, Petaling Jaya, Malaysia • 2005

Provider of small enterprise solutions for the logistics industry.

Programmer

Teamed in the development of Integrated Logistic Solutions, taking a lead role in developing several modules. Employed Visual Basic and SQL Server for development of the backend database.

- Delivered an improved user interface, acknowledged by the client as a top solution benefit, as designer of an accordion-style menu bar.