
TRAINER PROFILE

Name : Selvakumar @ Selva
Nationality : Malaysian
Academic Qualification : Bachelor Computer Science, University of Northumbria
Diploma in Information Technology, NIIT

BACKGROUND:

Selvakumar@Selva is well known in the industry to be an experienced software and application developer with extensive knowledge in various development areas. With over 15 years of experience in software application development, web application development, database programming, and technical training for government and corporate sector. Since 2011 Selva has focused on Android, Xamarin, Java, Microsoft SharePoint, Content Management Server (now Microsoft SharePoint Web Content Management), Commerce Server, BizTalk, Microsoft Dynamics CRM, Microsoft Dynamics AX and Oracle. Selva has used advanced Internet programming techniques to link business databases (MySQL, SQL Server, and Oracle) and websites, providing improved service, sales, and knowledge to business customers over the years.

Selva also have developed mobile web applications using advanced JavaScript and HTML 5 on the front-end with Java, ColdFusion, and PHP on the backend. Mobile applications leverage REST-based web services to provide dynamic data while minimizing coupling.

Selva has successfully delivered large solutions and much proof of concept/prototype solutions using these Microsoft & Oracle products and technologies. Selva's has served for **Petronas, IBM, VADS, Safeguards Corporation, Cycle & Carriage, Casa Global and Sentral Technology** for substantial amount of years before becoming a technical trainer. Selva has also worked on the product planning and implementation of a number of commercial products. Selva has been delivering on-site training on Database Administration and Development using Oracle, SQL, SSIS, SSRS, and SSAS to various Multinational and Governmental Organizations in the Asia Pacific Region.

PROFESSIONAL QUALIFICATION :

- Microsoft Certified Trainer (MCT)
 - Certified EC-Council Instructor (CASE: JAVA & .NET)
 - Microsoft Certified Systems Engineer (MCSE) Data Management and Analytics
 - Microsoft Certified Solutions Developer (MCSD) App Builder Certified
 - Microsoft Certified Solutions Associate (MCSA) Web Applications
 - Oracle Certified Java Programmer (OCJP)
 - Oracle Certified Professional (OCP)
 - Android Certified Application Developer (ATC)
 - Microsoft Certified Solutions Expert Business Intelligence
 - Microsoft Certified Solutions Developer: Web Applications
 - Microsoft Specialist: Programming in HTML5 with JavaScript and CSS3
 - Microsoft Certified Solutions Associate: SQL Server 2012/2014
 - Microsoft Certified Professional
 - Microsoft Technology Associate: Web Development Fundamentals
 - Microsoft Certified Technology Specialist: SQL Server 2008 Database Expert
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TECHNICAL EXPERTISE:

- Experienced in data migration & mining
- Intranet Development using MOSS 2007 using the UI, SharePoint Designer, JQuery and AJAX
- Troubleshooting, adoption and mentoring teams transitioning their skills to SharePoint.
- Development and Delivery of SharePoint 2010 and 2013 training
- Ten years of wide Oracle 7.3, 8.0, 9i, 11g, Oracle DBA, SQL 2008, SQL 2010, 2013 and database development experiences.
- Profound experience in SQL, PL/SQL
- Passed on experience with the Oracle designer, Developers, Oracle Form/Report/Enterprise Manager/OEM
- Outstanding logical & problem resolving skills.
- Oracle Backup & Recovery & Tuning
- Web development technologies like HTML (including HTML 5), CSS (including CSS3), JavaScript, XML, AJAX, XHTML & XQUERY
- Expert in Objective-C, Java, PHP, HTML and SQL
- UML and its use in the development of an application
- Strong knowledge in AJAX technology.
- Proficient with XML and JSON
- Strong knowledge in Microsoft .NET Architecture
- Design, implement, and manage software and web applications using advanced computer and database programming languages
- Developed number of Business Applications and Games using PhoneGap and Web Technologies like HTML5, CSS3 and JavaScript
- Code analysis tools, profiling, debugging and Strict Mode
- RESTful APIs and asynchronous state management
- Internationalization (i18n) into multiple languages
- Data management using content providers and SQLite
- Cross-platform development on Linux, Windows and mobile
- Familiarity with Scrum, Agile Development, Extreme Programming and Test-Driven Development
- Proven ability to work well in local and global teams, across multiple countries and time zones
- Various working environments from pure R&D to high-level customer interaction

WORKING EXPERIENCE:

IBM Malaysia Sdn Bhd,

Senior Lead Developer

- Applications 11i install, Clone, patch, maintenance (Windows server, Red Hat Enterprise Linux 5 self-study)
 - Disaster Recovery solution & Failover (Data guard for oracle applications) Standby database
 - Backup and Recovery Strategy for Apps 11i PROD DB with Backup Media Experience in both (backup & Recovery) using RMAN
 - Automating most of DBA tasks by creating Scripts /Procedures for common DB tasks (RMAN Backup, Validate Backup, Startup, Shutdown, alert log DB-error notice & etc.)
 - Restore backups Strategy to maintain backup verification success
 - Monitoring Oracle Applications database including Forms, Web, and Reports.
 - Security for E-business suite 11i (using oracle recommended settings)
 - Tuning Oracle server performance [Apps tiers, DB tier (Instance, Stats pack, Diagnostics pack)]
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- Worked on Agile development model.
 - Development of HQM Portal & Quality Reporting
 - Development of new NextGen Dashboard 3.0 – Using LogiXML
 - Reporting quality & clinical measures under Meaningful Use, PQRI, BTE programs.
 - Developing Quality dashboards using LogiXML & SSRS
 - Support existing data warehouse reporting platform and applications to ensure operational availability and scalability
 - Work directly with functional analysts and business users in understanding the information needs of the business and developing new data warehouse/BI functionalities or tools to meet these requirements

VADS Berhad, Lead Developer

- Responsible for Database maintenance and troubleshooting
- Cloning Production databases to Test Databases using RMAN or Control file creation method
- Backup and Recovery polices for both Production and DEV DBs Using both RMAN backup & recovery and Export & Import Utilities (Data Pump)
- Ability to handle all invalid objects, duplicate items and Creating scripts for different DBA tasks
- Creating Schema objects, Managing users, roles and Auditing.
- Technical Support for HRMS (Oracle DB issues) Customers
- Developed software applications to interface with database management systems for upload/download and processing of data and metadata.
- Designed complex database queries that greatly improved response times of web applications while reducing load on database servers.
- Database administrator for numerous large-scale applications running on Windows, UNIX, and Linux systems. Designed databases and developed programs using SQL, Microsoft Access, Oracle, and SQL Server to rapidly identify critical information for senior managers.
- Research, define and deploy BI improvement opportunities and streamline the business intelligence processes
- Create detail design, work on development and perform code reviews.
- Analysis & implementation of better performance strategies.

Petronas Berhad, Project Team Lead

- Took over the development and implementation of a security project
 - Handled another small-scale project which was delivered to Malaysia Rubber which was fully designed in PHP and MYSQL with AJAX technology and installed in Linux and Apache environment
 - Develop technical architecture based on detailed requirements
 - Validate the technical feasibility of business requirements
 - Infrastructure, architecture and environment evaluation
 - Interfaces with Business users and Technical SMEs to clarify requirements, review design, test cases, UAT and deployment.
 - Work closely with onsite Business Analysts for requirement gathering, designing the database and creating workflow.
 - Designing and Implementing the ETL processes
 - Creation of Canned reports, Cube-Based Reports, Report Models for Ad-Hoc
 - Travel to various locations to train people in new project specific technologies
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SKILLS:

- HTML5/CSS3
 - PHP/MySQL
 - J2EE/J2ME
 - Java, jQuery
 - PhoneGap
 - Xamarin
 - Android & IOS
 - ASP.NET/PHP
 - C/C++, C#
 - VBScript/VB
 - AngularJS
 - Python
 - Ruby on Rails
 - iOS/Swift
 - Objective C
 - R
 - Raspberry Pi
 - SQL
 - Oracle
 - PostGres
 - CrystalReport
 - Office 365
 - SharePoint
 - Azure Applications Development
 - PL/SQL
 - Hadoop
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