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| MCDBA_SE_IN**Napoleon Dogaru**  720 Palomino Lane, Anaheim Hills, Ca. 92807  714-883-1030  [napoleon.dogaru@modernEconcepts.com](mailto:napoleon.dogaru@modernEconcepts.com) | |
| **Summary** | | | |
|  | Decisive, action and goal oriented team player, result-driven individual with over 17 years of experience in software development and engineering with last years focused on project architectures and leadership. Wide breadth of knowledge and technology vision and abilities. Strong analytical and communication skills combined with creativity and fluency in enterprise design patterns as SOA/SAAS. Experienced in SDLC of multi-million $ solutions and design process including, requirements definition, prototyping, and proof of concept, design, implementation, testing and maintenance of scalable Internet/Client-Server/Multi-Tier mission-critical enterprise software solutions. Natural problem solving engineer/developer, able to achieve knowledge transfer and training of technical groups and business units consistently achieving project’s objective, timeline, budget parameters and high ROI. | | |
| **TECHNICAL skills** | | | |
|  | Languages/Web Standards   * C#/C/C++, VB.net/VB, T-SQL, JavaScript, jQuery, JSON, XML/XLST, XML Schema, XPath, XQuery, HTML5/4.x, XHTML, CCS2/3, PowerShell. * Assembly for Microchip: PIC16C63/12C508, Motorola: 68HC05/11, and Intel 8051/808x/386/486.   Frameworks/APIs   * .NET 4.0/3.5/3.0/2.0, WCF, WF, WIF, STS, Silverlight, MS Enterprise Lib, IOC Containers, jQuery, various client JavaScript frameworks, AJAX, ASP.NET 4.0 and MVC 3.0, Winforms, WPF, XAML, EF/LINQ/ADO.NET, Win32, WSH, SOAP, XML-RPC, SSRS, SSIS and SSAS, VS LightSwitch, , NUNIT, MSUNIT, NuGet, COM/DCOM/COM+, MSMQ, MFC, ADSI, CDOEXM, Crystal Reports, Social Web API as Facebook, Twitter etc… embedded systems as PalmOS, VxWorks, NT Embedded etc.   Infrastructure/Network/Security   * Knowledge of HTTP, TCP/IP/UDP, ARP, DNS, POPx, SSL/TSL, LDAP, FTP, Ping, DNS, DHCP, WINS, IIS, OLAP and SQL, MS SMS, OpenID, OAuth and WIF, SSO, RBA/A and CBA/A and PKI   Software/Servers   * MS SQL Server 2008/2005/2000, Microsoft Access, Microsoft Windows® Server 2003/2008, IIS6/7.x, Microsoft Windows 7, Vista and XP, Office, Visio, XML Spy, VS 2005/2008/2010, VSS/TFS, Share Point Server 2003/7/10, SQL Profiler, PerfMon, NetMon, Ethereal, TS, SMS, SSIS, SSRS, SSAS, LDAP and ADS, client/server networking environments and components, and many others…   Software Concepts   * SaaS, PaaS, IaaS, SOLID, SRP, DI, IOC, OOD, OO, SOA, MVC, MVVM, UML design patterns and refactoring, multithreading, reflection, remoting, networking, unit and module testing, synchronization, globalization and localization. * Client/server, multi-tier distributed architectures and system and software security, Service Oriented Architecture and event driven and message/request/response driven systems. | | |
| **Experience** | | | |
| **Sr. .NET Architect/Developer** Nov 2006-Present  Modern eConcepts, Anaheim Hills, California   * **Project: Orange County Department of Child Support Services** * Design/Code all change requests and provide application expansion using .NET 3.5 and MS SQL 2008R2 technologies from front end to back end. * Provide technical expertise, analysis and production support for HR internal application by troubleshooting of production issues and provide proper hotfixes. * **Project: Orange County SDR/e-SDR State Wide Web Site** * Responsibilities include technical solution design, convert business requirements in software solutions following efficient Agile practices. * Design/Code all change requests and provide application expansion using .NET and MS SQL technologies from front end to back end. * Provide technical expertise to a state wide web application with more than 40 counties participating in the state of California. Provide production support for the entire environment from managing servers to entire deployment, development and operation cycle. Provide troubleshooting of production issues and provide proper hotfixes. * Write advance complex queries to extract business reports using advance T-SQL. * **Project: Orange County ATS2SDR ETL** * Architect and implement an BI/ETL solution for Orange County Business Property Department to extract data from existing system into various formats to be imported into SDR, using MS SQL 2005/8 using advance T-SQL and SSIS. * Maintain and operate ETL processes for Orange County Business Property Department using advance SSRS reports for data validation and correction. Provide XML to PDF conversion using .NET technologies. * Provide advance SSRS solutions to Business Property Department to analyze and validate extracted data.      * **Project: Orange County SDR2ATS ETL** * Architect and implement an ETL solution for Orange County Business Property Department to extract XML data from SDR system into various formats to be imported into existing system, using MS SQL 2005/8, advance T-SQL querying and advance SSRS reports design. * Maintain and operate ETL processes for Orange County Business Property Department providing advance SSRS reports for data validation and correction. Provide XML to PDF conversion using .NET technologies * Provide advance SSRS solutions to Business Property Department to analyze and validate data. * **Project: Assessor Web Site Value Search** * Architect, implement, deploy and maintain a web solution for Orange County to allow taxpayer to search property value using Microsoft Technologies. * **Project: Assessor Web Site Fillable Smart PDF** * Architect, implement, deploy and maintain fillable Smart PDF for taxpayers online forms, using ADA compliance and to provide advance fields validation of various taxpayers forms using custom Adobe JavaScript. * **Project: ATS II Reengineering** * Provide technical expertise and review on various design and implementation documents, by providing MS SQL data design and .NET design expertise. * **Project: Various Integration Projects and Proof of Concepts** * Provide analysis on different software products for purpose of integration with existing mission critical applications as GIS, DMS,CMS and VoIP systems, 2D barcodes and more * Provide proof of concepts to illustrate integration path of various GIS, DMS, CMS and VoIP software products using MS technologies on MS .Net platform. | | |
| **Sr. .NET Developer/Architect** Sep 2005-Nov 2006  Modern eConcepts, Anaheim Hills, California   * **Project: Countrywide Bank – Consumer Bank Web Site** * Primary responsibilities include team technical leadership, solution design, development of various bank software solutions on MS .Net platform and MSSQL. Provide leadership to 4-5 developers working on a secure consumer web application with billions of dollars in transactions daily. * Provide project leadership for various security projects (SMA/LBDF). Conduct full SDLC on client’s demands and specifications along with design documentation and gather client requirements. * **Project: BDI Systems** * Provide project, resource and budget management of the entire business along with business and technical direction. * Responsibilities include domain model coding of processes to identify, analyze, evaluate, and make recommendations for modifying systems including design and development of various clients’ software solutions on MS .net platform. * Conduct full SDLC on client’s demands and specifications along with design documentation and gather client requirements. | | |
| **Sr. .NET Developer/Architect** Aug 2004-Sep 2005  ACS Local Solutions, Santa Ana, California   * **Project: SDR (Orange County) (California, Statewide(CAA), award winning, Web/XML Application)** * Architected and developed in C# (ASP.net) and T-SQL on Win2003 (IIS6) using SQL2K as backend. Used XML/XSL and XML Schema to provide state of California with a digital standard for business property statements (used for tax assessments), approved by BOE and CAA under the supervision of the OC Assessor. The state wide web application was a common effort by all 58 California State Counties; the app allows all business owners to file all property statements in all counties in the state of California for property tax assessments. * Responsible for product design, implementation, quality assurance, and maintenance. * Perform systems analysis and Web site design. Developed Web Services to scan files in real-time using low level ICAP API for Symantec Anti -Virus Scan Engine 4.3 on .NET platform. Designed XSL/XSLT and XML modules to provide efficient UI. * Supervised the deployment and migration of entire application. Conducted Security production security checks. * Designed/developed the web based single sign on solutions and authentication/authorization processes based on roles and permission/tasks. Provided system design documentation and gather client requirements. * **Project: Field Canvas** * Fully responsible for product conceptualization and logical design of the application using GIS to allow OC assessor to canvas the entire orange county. Build a proof of concept * **Project: Other** * Provide troubleshooting for an array of .net web apps, SQL, IIS, and other networks problems. Perform systems analysis and design for various projects. | | |
| **Sr. .NET Developer/Consultant** Oct 2003-Aug 2004  EBI Solutions, Anaheim, California   * **Project: FlowJet – Custom Label Printing Application** * Designed/coded a custom VB.net/ADO.net/COM app using an MS Access Db and LabelVison for printing pump labels. * **Project: AmerisourceBergen iScan v 2 - Inventory Tracking System** * Designed and coded a Palm OS app using PALM OS API and Symbol 17xx Scanner API that worked in junction with a Win32 C++ service and a win forms desktop VB.net/ADO.net/MS Access app. Prepare systems specifications. * Updated and Maintain Win32 C++ service that use RS232 port for inventory uploads form the Symbol 17xx units * **Project: Mountain High Ski ecommerce site** * Maintain and troubleshoot .net web apps for Mountain High Sky, SQL, IIS, and networks. Performed systems analysis and Web site design. Executed and validated test results. * **Project: Westcon – multilingual ecommerce Site** * Designed/Coded in ASP.net/C# and T-SQL on Win2k (IIS5) using with MSCS2002 /SQL2K. * Designed/developed the web based admin control panel tools, and Db schema for users/roles/permission and authentication/authorization process based on roles/permission authorization. Provide updated system and program documentation. Develop training materials and train staff and users. | | |
| **Sr. Software Engineer II** July 2002-Oct 2003  Rainbow Technologies Inc. Irvine, California   * **eSecurity Consulting Services** * Participated in security assessments and penetration tests using various tools as nmap and various white hat hacking techniques on web applications and networks. * Developed a web based management portal for demo products using SQL/ASP.net and VB.net and COM technologies. * **eSecurity Client Group** * Part of engineering team that was in charged with the SDLC of iGate appliance product. * Updated and maintained the Command Line Interface (C/LINUX) for the iGate appliance. Troubleshoot web app used in conjunction with a reverse SSL Proxy, IIS, and different networks layouts. * Participated in the design and development of the iGate Network Installer. Prepare pseudo-code for various software components. * Provided iGate solutions to customers using the END layer 2 load balancers and integration of iGate with different web apps as ONYX, OWA etc. Participated in numerous iGate software releases and product improvements and VPN\_SSL concepts testing. | | |
| **Sr. Software Developer/Consultant** July 2000-July 2002  Spectria (Rainbow Technologies Inc.) Long Beach, California   * **Project: AT Systems – Cash Management System (CashLINK)** * Developed numerous KDF for Win NT Embedded components. Coded VB and C++ prototypes that help in the selection of software components as: IP WORKS, CODEBASE etc. * Developed C++ objects (VxWorks) for the Pedestal units, also participated in hardware troubleshooting and testing. * **Project: Bergen iScan v 1 - Inventory Tracking System** * Designed and coded a Palm OS app using PALM OS API and Symbol 17xx Scanner API that worked in junction with a Win32 C++ service and a win forms desktop VB.net/ADO.net/MS Access app. Prepare systems specifications. * Updated and Maintain Win32 C++ service that use RS232 port for inventory uploads form the Symbol 17xx units. * **Project: Access360 (IBM Tivoli) – EnRole Agents** * Designed and coded an Exchange 2K Agent (C++), allowing ADS User mailbox remote management using ADSI and CDOEXM COM. Modified an existing People Soft Agent to support multi-databases instances. * **Project: Citicorp - Credit Cards Web Portal** * Used SQL Profiler and Indexing to optimize SQL performance. Researched and identified SQL replication methods. * **Project: Genesis Intermedia/Centerlink - Kiosk Project** * Maintained and upgraded a C++ Com objects. * Provided fixes and solutions for web app using ASP/VB COM/SQL7 Com objects for web-based Kiosk application. * **Project: Paul, Hastings, Janofsky & Walker - Financial Data Transformation** * Developed an automated process to transform financial report data into cube financial data using OLAP. * Provided expertise on MS SQL data replication for the worldwide rollout of Digital Dashboard. * **Project: WragTime - Profit Line Analysis** * Profit Line Analysis: Designed and coded a VB/Crystal Reports application that draws financial data from a SQL7 DB through ADO technology. Built and maintained numerous custom Crystal Reports for Freight Carrier Mmgt System. | | |
| **Consultant** Aug 1998-July 2000  Modern eConcepts, Garden Grove, California   * Provide project, resource and budget management of the entire business along with business and technical direction. * Responsibilities include overseeing processes to identify, analyze, evaluate, and make recommendations for modifying systems including design and development of various clients’ software solutions on MS platform. * Conduct full SDLC on client’s demands and specifications along with design documentation and gather client requirements. | | |
| **Hardware/Software** **Engineer** Aug 1997-Aug 1998  The Knox Company, Irvine, California   * Worked in R&D and assisted in testing and development of new product which included optical (IR), analog, digital, and software design. Built and analyzed hardware prototypes and developed PIC16C63 and PIC12C509/8 real time firmware, gaining vast knowledge about IR application (PbS) and interference filters. | | |
| **Associate Engineer/Scientist** Aug 1996-Aug 1997  Boeing, Long Beach, California   * Worked on a team of engineers in the System Design Documentation Group for MD11, MD80, and MD90 where covered ATA chapters 23/34, navigation and communication. Gained understanding of how electronically and functionally these systems work and how they interface with the rest of the aircraft. | | |
| **Application Engineer** June 1995-Aug 1996  VL Electronics, Los Angeles, California   * Provided customers and sale force with technical support needed in implementing LCD products in their applications, and offered hardware and software solutions. Designed Micro-Controller (MOT 68HC05) based prototypes and demo boxes. | | |
| **Math/Science Tutor** June 1988-Aug 1991  Cypress Community College, Cypress, California   * Helped individuals in all levels of Math, Physics, Chemistry, Electronics, and Statistics. | | |
| **CERTIFICATIONS** | | | |
| * MCTS SQL Developer and MCPD VS2010 (in progress) * CompTIA Security + (in progress) * Microsoft Certified Systems Engineer + Internet (MCSE+I) and Microsoft Certified Database Administrator (MCDBA) * Cisco Certified Network Associate (CCNA) | | | |
| **Education** | | | |
| Cal State Polytechnic Pomona University - California   * **B.S. Electrical Engineering** with minor in Math (HIGH GPA - Class of 1995)   Cypress Community College - California   * **A.S. Science** | | | |
| **Awards and Hobbies/Others** | | | |
| * Foot Hockey Champions with Road Runners and Blue Demons in 2005, 1994, 1993 * Frequent Runner/Jogger * Technology/Computers hobbyist * Speak, read and write Romanian | | | |