

Annie Enchakattu

Software developer

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WORK EXPERIENCE

Software developer

ADECCO ENGINEERING & TECHNOLOGY - Renton, WA - April 2016 to December 2016

Project: Schedule Application

- * Created an ASP.NET MVC web application that allows a user to assign truck fleets to specific plants
- * Used bootstrap-table to implement editable grids for displaying data
- * Used Bootstrap, CSS, JQuery and JavaScript to design the UI of the application
- * Implemented namespace pattern for JavaScript files
- * Used repository pattern to retrieve data from SQL
- * Used Layered architecture and service pattern as the business logic layer
- * Used interfaces and enterprise application block for dependency inversion
- * Created Unit tests for the application
- * Used web API for retrieving data to be displayed on the grids

Option grid application

- * Created a windows C# application used for assigning and managing promotional codes linked to truck models.
- * Involved all phases of the software development process.
- * Added functionality to the Core layer (interacting with the database layer and WCF service) and UI layer of the application.

Order Application

- * Created a windows C# application for displaying details of a truck order when user enters an active order number, the application also allows user to print the details of the order to printer, document or to text file
- * Involved all phases of the software development process.
- * Created the software solution with Core layer, Database layer, UI layer, Common Configuration layer etc.
- * Added functionality to all code layers in the software solution

Environment: C#, Windows forms, SQL SERVER, WCF services

IT Consultant

INTERNATIONAL READING ASSOCIATION - August 2015 to April 2016

Telecommute)

- * Create asp.net applications using asp.net web forms, SQL server 2012 and JQuery
- * Maintain existing asp.net applications
- * Migrate asp.net applications to new servers (server 2012)
- * Involved in re-designing and coding the organization's existing e-commerce application.
- * Review code and provide feedback to developers

Environment: ASP.NET, C#, VB.NET, .NET Framework 4.5, .NET Framework 3.5, SQL SERVER 2012, JQuery, HTML5, Telerik Sitefinity CMS

Technical Lead

BOEING - Renton, WA - July 2014 to August 2015

Project: Program Authoritative Source Structure

Description: Developed a C#, ASP.NET MVC web application, to hold programs and their related structures such as WBS, OBS, CLIN etc.

- * Created UI with components that are draggable, resizable dockable etc. using JQuery, CSS and Kendo UI components
- * Created and coded an ASP.NET MVC application for the project, using C#, JQuery, JavaScript, Html5, Telerik kendo UI controls and SQL server 2012
- * Was lead developer, leading a team of 6 people, 2 on-site and 4 offshore
- * Lead and co-ordinate offshore and on-site team
- * Conveyed requirements and responsibilities to the development team
- * Assisted the project Architect in creating the architecture for the web application
- * Created the data model for the application.
- * Worked with project Functional Analyst to ensure that the code deliverable meet requirements
- * Facilitated code review meetings with Architect and team
- * Created Macroscopic documents for the project
- * Ensured that deliverables have zero defects

Environment: ASP.NET MVC 4, C#, .NET Framework 4.5, SQL SERVER 2012, JQuery, HTML5, Telerik Kendo UI

TCS AMERICA INTERNATIONAL - Renton, WA - January 2014 to May 2014

Project: RSIGuard Risk Rollup Application

Description: Developed a C# console application to extract ergonomic data stored in binary files across shared drives on the company's network and store the extracted data to a SQL server database. Developed an ad hoc query application that allows a user to specify a set of query criteria which is then used to query the database to retrieve ergonomic data. The data that is retrieved is then used to calculate ergonomic risk counts and rates which are then used by the application to generate rate and count charts in excel.

- * Created console application to extract binary data from files
- * Created SQL data tables
- * Created SQL queries
- * Created Windows form application that allows a user to create query criterion which is then used to retrieve data from a SQL server database
- * Created interface to export data to excel and also create excel graphs
- * Created unit task specification documents and test cases documents

Environment: C#, .NET Framework 4.0, SQL SERVER 2012

INTERNATIONAL READING ASSOCIATION - November 2012 to January 2014

Telecommute)

Senior Web Developer

Wilmington, DE - April 2009 to November 2012

in August 2012 (August 2012 - Present)

Web programmer, Application Support Specialist

- 2009 to August 2012

Primary responsibilities:

* Design, develop, test, debug, deploy and maintain ASP.NET web applications, Create .NET applications to automate business functions.

Main Project: <http://www.reading.org>

Description: Design and develop company's C# ASP.NET Content Management Website (Telerik Sitefinity CMS). Full responsibility for all ASP.NET development within the website.

- * Created ASP.NET web forms for the website
- * Used ADO.NET and C# utility classes to connect to SQL database to retrieve and display data for the website.
- * Created stored procedures, tables and views in the SQL database used in the data layer of the website
- * Configured the website in IIS.
- * Created login controls using ASP.NET web user controls that consume a WCF service that enables single sign on between multiple websites.
- * Created C# classes to manage profiles of users using the website.
- * Created C# utility classes to be used within the website.
- * Setup website sub-domains, SSL and IIS on hosted web servers. Setup production, staging and test website on hosted web servers.
- * Added ASP.NET Web controls in existing web forms
- * Upgraded the site from .NET Framework 3.5 to 4.0
- * Moved site from IIS6 to IIS7 from Windows Server 2003 to Windows Server 2008.
- * Added JQuery and JavaScript plugins

Environment: C#, ASP.NET, .NET Framework 4.0, SQL SERVER 2012, WINDOWS SERVER 2008, IIS7

Main Project: ASP.NET E-commerce Website

Description: Design and develop company's ASP.NET e-commerce website. Full responsibility for all ASP.NET development within the website.

- * Created ASP.NET web forms for the website.
- * Created stored procedures, tables and views in the SQL database used in the data layer of the website.
- * Converted HTML controls to ASP.NET server controls.
- * Created ASP.NET web forms with ASP.NET data controls, AJAX, JQuery.
- * Consumed WCF services with the website.
- * Integrated the website with third party shopping cart DLL.
- * Integrated the website with PayPal Payments Pro API.
- * Configured the website in IIS.
- * Integrated website with company's CRM software, using CRM's API.
- * Setup website sub-domains, SSL and IIS on hosted web servers. Setup production, staging and test website on hosted web servers.

Project: PayPal Recurring Billing Integration

Description: Setup recurring billing subscriptions in the company's existing e-commerce website using PayPal SDK. The purpose of this project was to pass PCI compliance condition that prevents the company from storing

credit card information within its data center

- * Actively involved in research, requirements gathering, analysis and design.
- * Worked with PayPal support to learn how to use PayPal API and SDK for project.
- * Architected a solution that allows the company to become PCI compliant by bypassing payment gateway embedded within a third party shopping cart used for the company's e-commerce website.
- * Created functions in asp.net web forms within the company's e-commerce website to access PAYPAL Payments Pro API. The functions authorize and save customer credit card info and setup recurring billing subscriptions in PayPal. Saved PayPal HTTP response data to .NET CRM system.

Environment: ASP.NET, .NET Framework 3.5, SQL SERVER 2005, PayPal Payments Pro API, WINDOWS SERVER 2003, IIS6

Project: Council Web Report

Description: Created a web report that councils and affiliates of the organization can use to access customer data per state based on customer's address information stored in a .NET CRM software

- * Technical lead for project.
- * Developed user interfaces using C# ASP.NET Forms, ASP.NET data controls such as List view controls and AJAX controls for displaying customer data.
- * Actively involved in creating SQL stored procedures for accessing customer data based on criteria, such as address state, last order date and membership status
- * Created export to excel options on the ASP.NET web form
- * Created customer details and profiles in .NET CRM software by referencing CRM's API.
- * Deployed web forms to IIS.

Environment: Visual Studio 2008, C#, CSS, ASP.NET, SQL Server 2008, IIS6

Project: Book Product Catalog

Description: Created a product catalog that loads books product data such as product id, product description, prices for members and non-members from a SQL database. Customers use the product catalog to add products to shopping cart and make purchases through third party shopping cart API.

- * Acted as technical lead for project.
- * Designed and developed ASP.NET C# web forms using web user controls
- * Worked extensively with ASP.NET data controls.
- * Used ADO.NET to connect to SQL database.
- * Integrated the web form with third party Shopping cart DLL.
- * Involved in designing and developing SQL tables, SQL stored procedures and SQL queries for accessing product data from SQL database.
- * Deployed web forms to IIS in staging and Production.

Environment: Visual Studio 2008, C#, CSS, ASP.NET, SQL Server 2008, IIS6

Project: Associate membership

Description: This project consists of signup and registration web forms that customers can use to sign up for free membership. The web application consists of ASP.NET signup forms to validate and capture customer information and create membership profiles for the customer.

- * Technical lead for project.
- * Worked closely with project manager and technical team for requirements gathering.
- * Involved in research, requirements gathering, analysis and design.
- * Created ASP.NET web forms that references classes for authenticating the user, checking if the user's member status.
- * Created the UI using JQuery and ASP.NET server controls.
- * Applied CSS to the web forms
- * Created C# Web user controls and ASP.NET web forms that validate and saves customer information, create and saves customer profiles and setups membership subscriptions. All the information is saved to a SQL database.
- * Used ADO.NET objects to access data from SQL server.
- * Consumed WCF service in the ASP.NET web forms to get customer data and verify customer information

Environment: Visual Studio 2008, C#, ASP.NET, .NET Framework 3.5, SQL SERVER 2005, PayPal Payments Pro API, WINDOWS SERVER 2003, IIS6

Project: Journal subscription project

Description: Created an ASP.NET web form that accesses journal product data from a .NET CRM using CRM's API, integrated it with a third party shopping cart DLL

- * Technical lead for project.
- * Involved in research, requirements gathering, analysis and design.
- * Developed ASP.NET Forms with ASP.NET data controls, AJAX update panels, web user controls and JQuery UI.
- * Created All the ASP.NET web forms within the web application.
- * Worked with database team to create stored procedures and queries required for this project
- * Used ADO.NET objects to access data from SQL server.
- * Deployed the web form to website in IIS to test and production servers.

Environment: Visual Studio 2008, ASP.NET, .NET Framework 3.5, SQL SERVER 2005, AJAX update panels, IIS6

Project: Webinar archive

Description: Created an ASP.NET web application that allows customers to purchase webinar videos, access them from their user profile and watch them online.

- * Technical lead for project.
- * Involved in research, requirements gathering, analysis and design.
- * Developed User interfaces using C# ASP.NET Forms and JQuery plugins.
- * Integrated with Shopping Cart DLL.
- * Created customer details and profiles in .NET CRM software using API's.
- * Worked closely with database team to create stored procedures used for verifying user's video access rights.
- * Used ADO.NET objects to access data from SQL server.
- * Embedded hosted video code in ASP.NET web form.

Environment: Visual Studio 2008, C#, ASP.NET, .NET Framework 3.5, SQL SERVER 2005, WINDOWS SERVER 2003, IIS6

Project: WCF services for convention registration and Single Sign on

Description: Involved in creating a WCF service that is used by a third party registration site for accessing member data and updating member data. Create WCF service that creates single sign on tokens for the company's website and third party vendor websites

- * Worked closely with project manager and technical team.
- * Involved in research, requirements gathering, analysis and design.
- * Involved in creating the interface and classes for WCF Service.
- * Involved in creating the data access components to retrieve data from SQL server for the WCF service.
- * Consumed the WCF service in multiple website
- * Deployed the service to IIS.

Environment: C#, WCF, .NET Framework 3.5, SQL SERVER 2005, WINDOWS SERVER 2003, IIS6

Project: Search indexer

Description: Create a search indexer that indexes web pages in Content Management System website using C# and Lucene.NET.

- * Technical lead for project.
- * Involved in research, requirements gathering, analysis and design.
- * Learned how to use Lucene.NET
- * Created Lucene search index using C# and Lucene.NET DLL

Environment: C#, .NET Framework 4.0, Lucene.NET, WINDOWS SERVER 2008, SQL SERVER 2012

Software Developer

EVRAZ HIGHVELD STEEL AND VANADIUM - Witbank, Mpumalanga - July 2006 to May 2008

South Africa

Primary responsibilities:

- * Design, develop, test, debug, deploy and maintain ASP.NET web applications, Create .NET applications to automate business functions.

Project: ASP.NET Workflow management system for Buying and Selling Raw Materials

Description: Created an ASP.NET workflow management system for the buying and selling department of the company. The system consists of purchase requisition web forms, which are used to place orders for raw materials, the requisition forms are approved by various employees in the department, notifications for approval are sent through email, once requisition forms are approved by all designated employees the information is fed into a COBOL order placement system.

- * Involved in research, requirements gathering, analysis and design.
- * Worked with technical lead and team to architect a solution.
- * Involved in and designing database, stored procedures, views and function used by the system.
- * Learned how to use Ultimus Workflow system and how to integrate it with ASP.NET web forms.
- * Created All the ASP.NET web forms within the web application.

- * Worked extensively ASP.NET server controls, and data controls
- * Worked extensively with ADO.NET objects.
- * Deployed the web application to IIS

Environment: ASP.NET, .NET Framework 2.0, WINDOWS SERVER 2000, SQL SERVER 2000

Project: ASP.NET Shift scheduling system for employees

Description: Created an ASP.NET web application that enables supervisors per division within the company to view and edit shifts assigned to employees.

- * Involved in research, requirements gathering, analysis and design.
- * Worked with technical lead and team to architect a solution.
- * Involved in and designing database, stored procedures, views and function used by the system.
- * Created All the ASP.NET web forms within the web application.
- * Added crystal report viewer to ASP.NET forms
- * Worked extensively with ADO.NET objects.
- * Deployed the web application to IIS

Environment: ASP.NET, .NET Framework 2.0, WINDOWS SERVER 2000, SQL SERVER 2000

Project: .NET Tender Email System

Description: Created .NET application for extracting attachments from outlook emails and displaying the email attachments to designated employees.

- * Created login controls in asp.net web forms to authorizing and authenticating designated users.
- * Created ASP.NET web forms with data controls that displays email documents saved to the file system.
- * Created All the ASP.NET web forms within the web application.
- * Deployed the web application to Involved in research, requirements gathering, analysis and design.
- * Created windows application working with outlook objects to extract email attachments. Saved the attachments to the file system

Environment: ASP.NET, .NET Framework 2.0, WINDOWS SERVER 2000, SQL SERVER 2000

Intern

FLEXTRONICS (SA) - Johannesburg, Gauteng - December 2004 to January 2005

South Africa

- * Developed applications to automate leave forms and performance review forms using C# and Microsoft InfoPath.
- * Created reports using SQL reporting services to allow users to view information relating to leave and performance reviews.

EDUCATION

Bachelor of Engineering in Computers

Faculty of Engineering and Built Environment, University of Pretoria - Pretoria, Gauteng
2005

SKILLS

ASP (7 years), ASP.NET (7 years), MS SQL SERVER (8 years), SQL (8 years), SQL SERVER (8 years)

ADDITIONAL INFORMATION

TECHNICAL SKILLS SUMMARY

Languages: ASP, ASP.NET, C#, ASP.NET MVC4, ASP.NET MVC5, VB.NET, Java, JavaScript, JQuery, HTML, CSS, TSQL, Telerik Kendo UI

Software: Microsoft Visual Studio [...] Pylot load tester, MS Word, MS Excel, MS PowerPoint, RedGate .NET Reflector, Apache, MSSQL, IIS, SQL Reporting Tool, Crystal Reports, Telerik Sitefinity CMS, Aptify AMS system, SQL server [...] Telerik Kendo UI

Operating Systems: Windows [...] Windows XP/7

Other: Microsoft Cloud services (Windows Azure Platform), Google Analytics, Web services, WCF service, Bootstrap