**.Net Full Stack Developer**

**Name:** Pranitha Mattey

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**Number:** 302 417 0447

**Visa:** Green Card

**SUMMARY:**

* With over Fourteen (14) years of IT experience having a strong knowledge of the Software Development Life Cycle which includes experience in research, analysis, design, development, and implementation of software applications and databases using a variety of computer operating systems, software tools and technologies such as Windows, .Net Framework, C# .Net, VB .Net, ASP .Net, Web Services, ADO .Net, Share Point, SQL Server, Visual basic, Visual Source Safe, TFS, Crystal Reports, VB Script, Java Script, jQuery, AJAX, Node.js, React JS, Entity Framework, Infragistics, SharePoint, Power BI, Service Now, Fiddler and IIS. Analyze and evaluate user requirements and convert requirement specifications into detailed system-defined instructions.
* Develop and direct software system design specifications, programming, testing procedures, and documentation.
* Highly motivated and analytical team player with an aptitude for creative problem-solving and troubleshooting. Excellent interpersonal skills, quick to establish rapport with others to work effectively with powerful creative talent, good work ethics, enthusiasm, and ability to learn new techniques/systems quickly.
* Experience with Microsoft .NET Framework 3.0/3.5/4.0/4.5 using Windows Workflow Foundation (WWF), Windows Communication Foundation (WCF) and Windows Presentation Foundation (WPF) MVC.
* Experience with SharePoint designer 2007/2010.
* Strong programming skills using ASP .Net, C#, CLR fundamentals Multithreading, Remoting, XML, XSD, IIS 7/ IIS 8.5, Web Server, VB Script, JavaScript, JQuery, AJAX, Node.js, React JS on Windows platforms with SQL Server 2000/2005/2014, Oracle 9i, Oracle 10g and Oracle 11g.
* Knowledge and understanding of Angular JS, MVVM, and WEB API.
* Advanced knowledge using ASP.NET, C#, VB, ADO.NET, SharePoint, Visual Studio 2005/2007/2013/2015/2017, Web Forms, Win Forms, XML, Web services, WPF Services, windows services, XSD, XSLT for disconnected database and Reporting using SQL Server Reporting Services and Crystal Reports.
* Experience with agile methodologies using JIRA.
* MS SQL Server 2000/2005/2008/2014 experience using SQL, T-SQL, Triggers, SQL Queries, SQL Server Utilities, and Oracle database programming experience using PL/SQL, Packages, Stored procedures, and Views.
* Good Understanding of REST APIs; experience in integrating services via Ajax using Javascript, JQuery, Angular.js, and React.js
* Research emerging technologies such as web data extraction, machine learning, and data visualization, and Cloud technologies like AWS to decide if implementing them is feasible and can increase the organization’s efficiency and effectiveness.
* Highly motivated and analytical team player with an aptitude for creative problem-solving and troubleshooting. Excellent interpersonal skills, quick to establish rapport with others to work effectively with powerful creative talent, good work ethics, enthusiasm, and ability to learn new techniques/systems quickly.

**SPECIFIC/ TECHNICAL ACCOMPLISHMENTS:**

* Member of a team involved in migrating on-premise databases to the cloud in a short period while supporting and maintaining the applications that faced challenges during the migration process.
* Involved in supporting the service now team with the business rules and processes, while few of the corp. view applications in OIG were developed in Service Now.

**EDUCATION**

* Master of Science, Texas State University**,** Computer Science – 2008, San Marcos, Texas.
* Bachelor of Technology, Jawaharlal Nehru Technological University, Information Technology – 2006, Hyderabad, Telangana, India.

**PROFESSIONAL EXPERIENCE**

**Eagle Technologies Aug 2021 – Present**

**Software Application Developer - Arlington, VA**

**Responsibilities:**

* Involved in SDLC (Software Development Life Cycle) which includes development, Analysis, testing, and production support.
* Worked with the SmartBen team in developing new features and enhancing the existing features using .NET, MVC, and Entity Framework.
* Integrated React components into existing MVC applications, enhancing user interfaces and improving performance.
* Collaborated with frontend developers to integrate Aurelia features and ensure seamless user experiences.
* Upgraded the SmartBen project from .net core to .Net 6 which involved upgrading the associated NuGet packages, moving away from the deprecated packages, and finding alternate solutions for the existing functionality that was not supported after the NuGet package upgrade.
* Created reusable presentation layer components using React and Node Js.
* Involved in the design and development of several nightly and on-demand jobs.
* Worked on several stored procedures, and views using Oracle.
* Implemented responsive web design principles to ensure applications are mobile-friendly.
* Worked with npm commands and used packages. Json for managing dependencies and dev-dependencies of node js applications.
* Worked closely with QA teams to ensure the quality of deliverables.
* Participated in agile development processes, including daily stand-ups, sprint planning, and retrospectives.
* Collaborated with cross-functional teams to deliver high-quality software solutions.
* Involved in Azure cloud services for application deployment, scaling, and monitoring.
* Utilized Azure services such as Blob Storage and Azure SQL Database for storage and database management.
* Implemented CI/CD pipelines using Azure DevOps, improving deployment speed and reliability.
* Worked with Azure DevOps to manage source control, build processes, and deployments.

**Environnent :** .Net Core/6.0, C#, Oracle, Aurelia. Js, Angular Js, Azure, HTML5, GitHub, NodeJS, NPM, Windows forms, Windows, and Web services, WPF, jQuery, JavaScript, ADO .Net, Visual Studio 2019.

**HHS (U.S. Department of Health and Human Services) Jun 2018 – July 2021**

**Sr. .Net SharePoint / Full stack Developer** - **Arlington, VA**

**Responsibilities:**

* Maintaining a high degree of code reusability and reduction in complexity, as well as the fastest possible time-to-production.
* Defining and implementing a series of vertical application solutions available for use to all applications in the stack, based on the needs expressed by the business user community.
* Follow an execution roadmap to implement additional functionality and improve platform efficiencies.
* Designing physical and logical topologies.
* Designing physical topologies to meet SLAs and high availability requirements.
* Developing content deployment topologies with authoring/production farms.
* Content authoring, review, and approvals.
* Developing Intranet features for information sharing, collaboration, shared calendars, and document sharing.
* Developing UI standards to meet 508 compliance requirements.
* Developing migration strategies to migrate content (files) from legacy file systems to Amazon Web Services repositories.
* Developing Information Architecture (portals, site collections, navigation, branding, metadata, etc.).
* Enhancing a personalized portal for OIG users.
* Enabling SSO to access applications.
* Enabling Enterprise Search across instances.
* Enabling reusable, consistent workflow processes.
* Defining, configuring, and installing the development, integration, staging/UAT, and production instances.
* Defining the parallel model and services that will support both new and legacy applications in the same production workspace.
* Executing the application migration to the new platform based on the roadmap.
* Commissioning new applications as pilot implementations. This will help in fine-tuning the architecture based on the user’s needs and feedback.
* Implementing additional functionality and improving platform efficiencies of the OPS platform that will be leveraged for the modernization effort.
* Conduct user research to validate business architecture.
* Implementing business capabilities based on validated user experiences
* Creating and maintaining an automated test solution to perform automated testing on user stories and ensure functionality and quality of the overall system. This includes, but is not limited to testing methodologies such as unit testing, browser testing, integration testing, Behavior Driven Development (BDD), Test Driven
* Development (TDD), and Acceptance Test Driven Development (ATDD). Provide development and testing best practices and training for other contractors and federal employees.
* Define, build, and deliver a flexible and scalable analytics environment that conforms to requirements from different user audiences (data scientists, analysts, business users) and aligns with architectural guidelines and data security standards provided by the government. This includes but is not limited to configuring COTS products (Section 2.3.7) for government use and extending tool functionality via custom code.
* Development, management, and operational support of the OIG Hybrid Cloud Infrastructure.
* Development, management, and operational support of Continuous Integration and Continuous Delivery pipelines deployed on the OIG Hybrid Cloud Infrastructure.
* Development, management, and operational support of Hybrid Cloud automation capabilities to achieve infrastructure-as-code capabilities.
* Assist in the development of Analysis of Alternative new technology solutions supporting identified business capabilities.
* Facilitate the development of Change Management approaches, processes, and related communication plans.
* Ensure the implementation of Non-Functional Requirements (NFRs) such as performance, and security are included in the agile development process.
* Ensure secure application development approaches are utilized as part of the development process.
* Support any required Security Assessment, and Information Assurance activities, and automate those activities that make sense.
* Automated deployment processes using AWS CloudFormation and Jenkins.
* Managed cloud infrastructure on AWS, utilizing services like EC2, S3, RDS, and Lambda.

**Environment** : , ASP .Net, C#, SQL server, Angular Js, HTML5, GitHub, NodeJS, NPM, Windows forms, Windows, and Web services, WPF, jQuery, Java Script, ADO .Net, Visual Studio 2019, AWS.

**U.S Department of Agriculture (USDA), Medical Science and Computing Sept 2014-Jun2018**

**.Net Full Stack Developer - Beltsville, MD**

**Responsibilities:**

* Consult with FSRG staff on the design and operation of the enhancements.
* Analyze, define, and document system requirements for data, workflow, and logical processes.
* Created interfaces using C# classes, reports using SSRS, and production configuration.
* Write and maintain functional and technical specifications.
* Development based on gathered requirements using agile software development methodologies using JIRA and scrum board.
* Migrated functionalities from VB to C# .Net in the FSRG processor.
* Created a service layer that interacts and pulls data from the SQL server.
* Involved in writing unit tests and test scripts using Selenium and NUnit.
* Oversee the training of the system’s end users and the writing of instruction manuals.
* Involved in creating prototype modules using open-source technologies such as node.js and angular.js.
* Explored SharePoint workflows to implement in the project.
* Created Infragistics menu controls.
* Customized and configured site pages to target content to specific users.
* Created deployment packages and configured for different environments.
* Developed Javascript and JQuery validations and used CSS styles within the application.
* Built restful APIs using asp .net web API's.

**Environment:** ASP .Net 3.5/4.0, C#, SQL Server 2014, Tortoise SVN, HTML, Windows forms, Windows and Web services, WPF, Share Point, JQuery, JavaScript, ADO .Net, HTML, XHTML, IIS 7.5, Visual Studio 2015/2017, JIRA, VB .net, Infragistics, SSRS**.**

**Active Network May 2012 – Sep 2014**

**Full Stack Developer - Clarksburg, MD**

**Responsibilities:**

* Responsible for developing and maintaining the campground booking website for the states of Michigan and Texas using technologies like VB .Net, ASP .Net, Web Services, ADO .Net, Share Point, SQL Server 2005/2008, Oracle, Visual Basic, Visual Source Safe, Infragistics, Entity Framework, Crystal Reports, VB Script, Java Script, tortoise SVN, and IIS.
* Responsible for maintaining the website based on Open Web Application Security Project (OWASP) standards.
* Worked on several Windows and web services using technologies like Entity Framework, and WCF.
* Used Infragistics to develop a dashboard for the Capital Visitor Center, Washington DC.
* Duties include software development and maintenance support, web support, developing reports and queries, incident resolution, and providing technical assistance to end users, ensuring system security.
* Responsible for maintaining several Windows and web services that involve credit card processing.
* Integrated workflow with SharePoint sites to gauge the project's status and evaluate the business processes.
* Created custom sequential workflows and associated them with the SharePoint list.
* Worked on user’s permission levels to make the SharePoint portal more secure.
* Involved in all phases of the Software Development Life Cycle like Requirement Analysis, Design, and development, maintenance, deployment, migration, and testing.
* Used Fiddler to capture traffic from services.
* Responsible for providing information technology services to ensure continued growth and effective utilization of software systems.

**Environment:** ASP .Net 3.5/4.0, ADO .Net, VB .Net, Oracle 9i/11g, Tortoise SVN, C#, HTML, Windows forms, Windows and Web services, Share Point, VB Script, Java Script, HTML, XHTML, Visual Studio 2005/2008/2010.

**HRSA, Compubahn Inc. May 2009 – May 2012**

**.Net Developer - Rockville, MD**

**Responsibilities:**

* Under this area of primary responsibility, carefully analyzed the requirements and identified the areas of the scope of work that were classified as:
* Requirement Analysis
* Design & Development
* Production Support, Operations and Maintenance
* Deployment
* Migration
* Testing
* Duties include software development and maintenance support, web support, developing reports and queries, incident resolution, and providing technical assistance to end users, ensuring system security.
* Also involved in the design and development of applications using technologies such as VB. Net, ASP .Net, Web services, ADO .Net, SharePoint, SQL Server 2005, Visual Basic, Visual Source Safe, Crystal Reports, VB Script, Java Script, and IIS.
* Created classes and core modules in C# .Net for implementing the business layer.
* Developed user controls like date-picker calendar controls.
* Developed screens using Grid View and Data List to display and manipulate records.
* Generate various kinds of user-friendly reports using Crystal Reports.
* Work with transactions to manipulate the data in the database.
* Tools and technologies also include Visual Source Safe 6.0, Visual Studio .Net, MS SQL Server, MS Access, Oracle, .Net Technologies, Multi-threading, etc.
* Performed unit, system, and regression testing.

**Environment:** .NET 2.0, C#.NET, ASP.NET, ADO.NET, Share Point, Ajax, Web Services, Visual Studio.NET, XML, XSLT, JavaScript, NUnit, HTML, SQL Server 2005, Visual SourceSafe 6.0, Win Forms, Crystal Reports, UML, Windows XP Professional.

**Certifications**

* PL-900: Microsoft Power Platform Fundamentals
* MS-900: Microsoft 365 Fundamentals