**Phone#: +1(774)-441-0113**

**PRASANNALALITHA THOTA Email: prasannathota219@gmail.com**

**PROFESSIONAL SUMMARY**

* 11 years of experience in **Microsoft .NET Technologies, RDBMS, Azure DevOps, AWS DevOps, Testing.**
* Experience in all phases of Software Development Life Cycle (SDLC) from Requirements gathering, Analysis, and Design, Development, Documentation, Testing, Implementation and Maintenance of various Web and windows applications.
* Worked extensively in .NET Framework, Visual Studio.**NET, ASP.NET MVC, C#, VB.NET, ADO.NET, IIS, AJAX, JavaScript, XML, Web services, WCF Services, Web API, GraphQL, CSS, HTML, .NET Core**
* Experience in **Waterfall,** **Agile Methodology** for full lifecycle of the project such as planning analysis, prototyping, design implementation, testing, release and following for next iteration as per needs.
* Working experience with **Model View Controller (MVC) 4.0/5.0/6.0** Experienced with deployments, Maintenance and troubleshooting applications on Microsoft Cloud infrastructure Azure.
* Designed and implemented the application using **Microservice Architecture** for its various distinct advantages like loose coupling and design patterns.
* Well experienced with data access using **Entity Framework**, **ADO**.**NET**, **LINQ** and **LINQ** To **SQL**
* Working experience in Database design and writing **Stored Procedures, Functions, Triggers**, **Views**, **Joins**, performing **Query Optimization** and **Performance Tuning** in **SQL Server Databases**.
* Experienced in working on **Angular JS**, **Web Api**, **SQL Server 2017/2014/2012/2008, SSIS, SSRS.**
* Proficient in developing Single Page Application (SPA) using **Angular** and **React.js.**
* Experience in maintaining existing applications and working on **Production support tickets** and enhancements for existing functionality.
* Highly skilled in Azure PaaS, IaaS, SaaS, **Azure DevOps, Azure AD, App Services, Logic App Functionality.**
* Ability to adapt to a new environment quickly, strong team player, great communication, good analytical and computation skills, enthusiastic learner, confident, sincere, and committed.
* Hands on experience in writing **Azure Resource Manager (ARM)** to deploy, update and delete multiple resources in Azure and migrating the on-premises resources to Azure.
* Extensively worked on **CI/CD** pipeline for code deployment by engaging different tools in the process right from developer code check-In to production deployment.
* Experience in **Logic Apps, Data Factory, Kafka, Azure Storage, Data Bricks.**
* In-depth experience in Amazon AWS Cloud Services, (EC2, S3, EBS, ELB, Cloud Watch, Elastic IP, RDS, SNS, SQS, Glacier, IAM, VPC, CloudFormation, Route53), and managing security on AWS.
* Experienced in automating, configuring and deploying instances on **AWS**, Azure environments and data Centers, also familiar with **EC2**, **Cloud Watch** and managing security groups on **AWS**.
* Experience in working of **AWS Cloud service** like Compute, Network Storage and Identity & Access Management, API Gateway, Azure CLI.
* Worked on Source Code Control Systems like Team Foundation Server **TFS**, **SVN** and **GIT**.
* Experienced in **SOAP/ REST API Testing**using tools such Advanced Rest Client, Postman & SoapUI.
* Extensive experience in developing Test Cases and procedures as well as execution of **manual testing.**
* Expertise in gathering functional requirements, writing **Test Scripts**, developing **Test cases,** **Test procedures**, Test Strategies, **Test Plans**, formulation of Test Assets & Strategy.
* Experience inmobile application development and mobile testing on both IOS and Android applications using simulator and emulator.
* Prepared**test data document** and involved in generation of bug and test case execution reports.
* Prepared user documentation with screenshots for **UAT** (User Acceptance testing).
* Coordinated with **UAT** team by providing them with test cases and test data.

**TECHNICAL SKILLS:**

Platforms .NET Framework 4.7, 4.5,4.0,3.5

Web Technologies ASP.NET MVC, .NET Core, Web Services, WCF, Web Api, HTML, CSS

Programming Language C# .NET, Vb. NET, Python, Java

Scripting Languages JavaScript, jQuery, AngularJS, ReactJS, YAML, PowerShell

Data Access Entity Framework, ADO.NET

Database SQL Server 2017/2014/2012/ 2008, Oracle, No Sql, Cosmos DB SDLC Azile, waterfall

Application Server IIS, Apache Tomcat

Ticketing Tool JIRA, ServiceNow, Azure Boards

Cloud Environments Azure, Amazon Web Services (AWS)

CI/CD Tools Jenkins, Ansible, Azure DevOps, VSTS, Azure Pipelines

Monitoring Tools Azure App insights, Azure Metrics, Azure monitoring service

Containerization Tools Docker, Kubernetes, AKS.

Automation Tool Terraform, CloudFormation

Deployment Tools Octopus, Spinnaker.

Testing Tools Postman, JUnit, Mobile Testing

**PROFESSIONAL EXPERIENCE:**

**Foot Locker Retail, Inc., Camphill, PA**  **Jan 2022-Till Date**

**Sr .NET Developer/ DevOps Engineer**

* Involved in Software Development Life Cycle like Requirement Analysis, Design, Implementation and Testing.
* Developed Scalable Robust ASP.NET MVC Web Apps, Web Forms, REST Web APIs and SOAP Web Services in .NET v4.5/4.7. Developed the Frontend using HTML5, CSS3, jQuery, Bootstrap, AngularJS, and the Backend using C#, ASP.NET MVC and JavaScript
* Developed the MVC pages using C#, VB, ASP.NET, XML, Ajax/JSON, SQL Server.
* Implemented Client-Side Validations and Server-Side Validations for the MVC Pages developed
* Proficient in writing complex SQL Queries, Stored Procedures, Triggers, Views, Cursors, Joins, Constraints, DDL, DML and User Defined Functions to implement the business logic and created clustered and non-clustered indexes Created various Complex Formula Reports to query the database for business Intelligence.
* Experience in optimization and performance tuning using SQL profiler, Index tuning wizard, Performance Monitor and Execution plan.
* Experience in report writing using SQL Server Reporting services and creating various types of reports like parameterized, cascading, Table, Matrix, Chat and Sub reports
* Expertise in SQL server Integration services (SSIS) and SQL server Reporting services (SSRS) , SQL Server Analysis Services (SSAS)
* Implementing the data access layer using Entity Framework Code First approach, Database approach and writing queries using LINQ to Entity for data retrieval.
* Developed MVC Web Apps and REST API using SOLID Design principle like Single-Responsibility to keep classes focused on Single Concerns. Involved in design patterns as well.
* Worked with business and technical team to analyze and convert business requirements into scalable, robust, and flexible designs.
* Followed Agile methodology with daily scrum meetings and providing user story updates Worked with JIRA as an ALM tool for the central view for user stories and the bug tracking.
* Working experience in deploying CI/CD system using Azure DevOps on Kubernetes container environment, and for the runtime environment of CI/CD system to build, test and Deployment we have utilized Kubernetes and Docker
* Experience in using ARM templates (JSON) to create Azure services, while ensuring no changes were made to the existing infrastructure.
* Experience with Infrastructure as Code (IaC) and automation tools.
* Experience implementing Azure services such as Azure Active Directory (AD), Azure storage, Azure cloud services, IIS, Azure Resource Manager (ARM), Azure Blob Storage, Azure VM, SQL Database, Azure Functions.
* Created automated pipelines in AWS Code pipeline to deploy Docker Containers in AWS ECS using services like Cloud Formation, Code build and Code Deploy and S3.
* Responsible for monitoring the AWS resources using Cloud Watch
* Amazon IAM Service enabled to grant permissions and resources to users. Managed roles and permissions of users with the help of AWS IAM.
* Designed and developed ORACLE packages, views, functions and triggers to perform business rules using Oracle 11g/PL SQL.
* Experience in working with OAuth authentication.
* build and release of cloud-based products containing Linux and Windows environments using PowerShell, TFS.
* Experience in SRE and DevOps engineers, providing guidance, coaching, and professional development.
* User, Group creation, monitoring and maintaining log for system status/ Health using Linux commands.
* Developed user interface by using the Angular JS React JS for SPA development and Used React-Router to turn application into Single Page Application.
* Used React-Router to turn application into Single Page Application and Implemented the Drag and Drop functionality using React-Draggable.
* **Environment**: **.**NET Framework 4.7, C#, MVC 6, LINQ, Entity Framework**,** Java Script, jQuery, Angular, ReactJS , SQL Server, Oracle, Azure DevOps, AWS DevOps, Python, NextJS,Linux , GraphQL, Docker, Kubernetes, DynamoDB, MS Build, Terraform , Azure SQL, PowerShell.

**Cognizant Technology Solutions India Private Ltd.**

**Caterpillar Inc., Peoria, IL** **Jan 2020-Jan 22**

**Technical Lead/ DevOps Engineer.**

**Responsibilities**

* Developed Highly Scalable and Optimized MVC Core Web Applications in ASP.NET Core using C#, ASP.NET, Node.JS, npm, JavaScript, JSON and T-SQL for Backend Development
* Implemented the Frontend using HTML5, CSS, jQuery, React JS, and Bootstrap. Developed the Apps using Test Driven Development (TDD) and implemented Integration and Unit Testing
* Developed Angular Web applications using C#, ASP.NET Core, Angular v4/v5/v6, Bootstrap and TypeScript. Implemented the Input/output properties for moving State data between Parents Child Components in Angular Apps. Called REST API Endpoints from the Angular Apps using HTTP, Observables and RX. Implemented Dependency Injection and developed the Integration/Unit Tests
* Developed React Single page applications (SPAs) and rendered React Components to Frontend UI using React DOM and JSX Elements. Implemented React Bootstrap to render CSS3 Styling, Form Row operations and Responsive Web Design (RWD). Developed various JavaScript functions and invoked functions in Lifecycle methods.
* Experience in working with OAuth authentication and HW/SW integration.
* Developed Highly Robust RESTful APIs as Microservices in ASP.NET MVC to process, store and retrieve financial data/transactions and Bank account information of the Customers
* Provide technical support for SSIS, SSRS business applications, and identifies critical integration issues and develop corrective solutions
* Set up CI/CD pipelines so that each commit a developer makes goes through the standard software development lifecycle and gets tested well enough before it can make it to production.
* Design and manage public and private cloud infrastructures using AWS, which includes VPC, EC2, S3, Cloud Front, Elastic File System, RDS, Direct Connect, Cloud Watch. Operations were automated using CloudFormation.
* Created Docker images using a Docker File and work on Docker container snapshots, remove images, manage Docker volumes as well as set up Docker Host.
* Experience in SRE and DevOps engineers, providing guidance, coaching, and professional development.
* User, Group creation, monitoring and maintaining log for system status/ Health using Linux commands.
* Experience in Oracle development, PL/SQL development including Triggers, Packages, Procedures, functions, views, SQL Tuning, and generating a data file from Oracle.
* Used Kubernetes as open-source platform for automating deployment, scaling and operations of application containers across clusters of hosts, providing container-centric infrastructure.
* Involved in Unit testing and Bug fixing
* **Environment**: .NET Framework 4.5, C#, MVC 5, AngularJS, React, Azure DevOps, Aws Dev Ops, AZURE Repo, Linux, Docker, Kubernetes, Graph QL, Java, React, MySQL, MS Build, SQL Server, Terraform, Azure SQL, Oracle, PowerShell.

**Cognizant Technology Solutions India Private Ltd.**

**The Football Association, United Kingdom** **Jan 2019-Dec 2019**

**Senior Developer/ DevOps Engineer**

* Worked as a Tech Lead for offshore
* Conducted requirement gathering and transforming the same into technical requirements.
* Organized client meetings; communicating with external team to ramp up project
* Managed Coding and Implementation of Web based application
* Implemented business layer using C#, LINQ, MVC, and Crystal Report
* Designed and developed the business logic and data access layers using Enterprise library and C#.
* Experience in Oracle development, PL/SQL development including Triggers, Packages, Procedures, functions, views, SQL Tuning, and generating a data file from Oracle.
* Handling the designing of database tables in SQL.
* Implemented SQL queries
* Debugged new software programs
* Experience in developing CI/CD pipelines
* Experience with automation/ integration tools like Jenkins
* Automate the processes using PowerShell and windows command shell
* **Environment**: .NET Framework 4.0. C#, XAMARIN, WPF, XAML, HTML, CSS, MongoDB, AngularJS, Java, Aws DevOps, Azure DevOps, SQL SERVER, Oracle.

**Cognizant Technology Solutions India Private Ltd.**

**Thomson Reuters Corporation, San Diego, CA** **April17-Jan19**

**Senior Developer/ DevOps Engineer**

* Involved in Designing the Application Architecture using Microsoft design patterns, C#, ASP.NET MVC & .NET framework, CSS, JavaScript and WCF.
* Worked on adding repositories for different modules and called them in controls.
* Worked on writing LINQ queries with DB First Entity framework (ORM) in data access layer.
* Worked on creating EDMX and reading the data from Entities and updating entities
* Consumed WCF services to get patient benefit data from different carriers.
* Used AJAX, JQUERY and HTML with MVC views to produce rich user interfaces.
* Worked on JQUERY lib to post data to the MVC action method.
* Involved in creating simple reports with Report View Control and Crystal Reports as part of the web interface for patients and business owners.
* Experience in Oracle development, PL/SQL development including Triggers, Packages, Procedures, functions, views, SQL Tuning, and generating a data file from Oracle
* Hands-on experience in implementing application security using Forms authentication mode.
* experience with Azure DevOps.
* Responsible for service delivery, reliability, scalability, monitoring, and helping define all this as immutable infrastructure-as-code.
* **Environment**: ASP.NET MVC, C#, LINQ, Entity Framework, SQL Server, XML, HTML 5, JavaScript, Ajax, .NET Framework 4.0, jQuery, Test-Driven Development, Oracle, Aws DevOps, Azure DevOps.

**Tech Mahindra Limited**

**EMRI Green Health Services ((Formerly Known as GVK EMRI)), INDIA** **May15-March17 SENIOR DEVELOPER / DevOps Engineer**

* Involved in Designing the Application Architecture using Microsoft design patterns, C#, ASP.NET MVC & .NET framework, CSS, JavaScript and WCF
* developing the WCF services for Customer, Assignment and Requirement modules
* Developed Patient and Dispensing module for web portal using ASP.NET MVC, JQUERY, C#.NET and Web User Controls.
* Experience in working with WCF restful services using JSON/XML formatter.
* Designed and developed the business logic and data access layers using Enterprise library and C#.
* Involved in writing WCF data contract objects and services for product management, discrepancy and Restock modules.
* Created web pages using ASP.NET, C#, Java Script
* Experience in working with SOAP based web services.
* Participated in initial database modelling for SQL Server 2005/2008.
* Involving in writing test cases using NUnit.
* Created Stored Procedures to communicate with SQL database.
* Participated in quality assurance testing the entire application.
* experience with Azure DevOps.
* Experience in Oracle development, PL/SQL development including Triggers, Packages, Procedures, functions, views, SQL Tuning, and generating a data file from Oracle.
* Build tools to reduce occurrence of errors and improve customer experience
* Deploy updates and fixes and provide Level 2 technical support.
* **Environment**: Visual Studio.NET 2010, ASP.NET MVC, C#, LINQ, Entity Framework, SQL Server, XML, HTML 5, JavaScript, Ajax, .NET Framework 4.0, jQuery, Test-Driven Development, Oracle, Aws DevOps, Azure DevOps.

**Tech Mahindra Limited**

**TATA Communication Limited, INDIA** **March15-April15**

**Developer/ DevOps Engineer**

* Worked on the UI design of the ASP. Net pages.
* Worked on developing Web Forms using ASP. NET, C#.
* Created XML data and Schema Files.
* Worked on developing the code behind classes in C#.NET.
* Used ASP.NET validation controls (Required field validator, regular expression validator, compare validator, range validator), User Controls, Custom Controls, DataGrid Web Control.
* Worked on output and data caching of frequently requested web pages and data objects.
* Worked in developing the component that talks to a database using ADO. Net objects.
* Worked in implementing Stored Procedures call in the data access layer.
* Used ADO.NET object (SQL Connection, SQL Data Adapter, SQL Command, SQL Data Reader and Dataset) to talk to SQL Server.
* Experience in Oracle development, PL/SQL development including Triggers, Packages, Procedures, functions, views, SQL Tuning, and generating a data file from Oracle.
* Worked in the data-modelling phase of Database design (creating ER Diagrams)
* Worked in Functional Test, User Acceptance Test and stress test.
* Used ADO.NET and data objects such as Data Adapter, Data Reader, Dataset, data table, stream reader and XML Text reader/Writer for access to SQL data sources
* experience with Azure DevOps.
* Deploy updates and fixes and provide Level 2 technical support.
* Build tools to reduce occurrence of errors and improve customer experience.
* **Environment**: C#, ASP.NET, ADO.NET, HTML, CSS, WCF, JAVASCRIPT, WCF, SQL Server 2005, Aws DevOps, Azure DevOps, Oracle.

**Tech Mahindra Limited**

**The Bank of Nova Scotia, operating as Scotiabank, Canada**  **June14 –March15**

**Developer/ DevOps Engineer**

* Worked on singleton design pattern, designed and created views, controllers and models using ASP.NET MVC 3.0, C# within MS Visual Studio 2010
* Worked on adding repositories for different modules and called them in controls.
* Worked on writing LINQ queries with DB First Entity framework (ORM) in data access layer.
* Worked on creating EDMX and reading the data from Entities and updating entities
* Consumed WCF services to get patient benefit data from different carriers.
* Used AJAX, JQUERY and HTML with MVC views to produce rich user interfaces.
* Worked on JQUERY lib to post data to the MVC action method.
* Involved in creating simple reports with Report Viewer Control and Crystal Reports as part of the web interface for patients and business owners.
* experience with Azure DevOps.
* Developed, maintained and provided the team with Various Azure DevOps-related tools like deployment tools, staged virtual environments, and provisioning scripts.
* Experience in Oracle development, PL/SQL development including Triggers, Packages, Procedures, functions, views, SQL Tuning, and generating a data file from Oracle.
* Hands-on experience in implementing application security using Forms authentication mode.
* **Environment**: C#, ASP.NET, HTML, CSS, JAVASCRIPT, SQL Server 2005, WCF, Oracle, Aws DevOps, Azure DevOps.

**Tech Mahindra Limited**

**TTK healthcare Services, INDIA March 12-April 14 Developer / DevOps Engineer**

* Created web pages using ASP.NET, C#, Java Script
* Worked on writing ADO.NET classes for Customer, Assignment and Requirement modules.
* Experience in working with SOAP based web services.
* Participated in initial database model for SQL Server 2005/2008.
* Involved in writing test cases.
* Created Stored Procedures to communicate with SQL database.
* Participated in the build process.
* Participated in quality assurance testing the entire application.
* experience with Azure DevOps.
* **Environment**: VISUAL STUDIO 2010, C#, ASP.NET, ADO.NET, HTML, CSS, JAVASCRIPT, WEB SERVICES, SQL SERVER 2005, Aws DevOps, Azure DevOps.

**EDUCATION:**

* Bachelor of Technology in Electronics and Communication Engineering from Jawaharlal Nehru Technical University (JNTU), Hyderabad 2011