

MADAVAN RANGANATHAN

Application Development Team Lead



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Chennai, India

PERSONAL SUMMARY

- Over 13 years of experience in developing web applications based on Microsoft & Open-Source technologies.
- Possess the ability of incorporating user and business requirements into cost-effective, secure, and user-friendly solutions known for scalability and durability.
- Having ability to learn and adopt new skills for improving productivity whenever required.
- Contributed Ideas on automating and improving the functions as part of Continuous Improvement process in my past projects.
- Initiative-taking and ambitious individual able to give timely and accurate guidance, support and training to team members and individuals.

SKILL SET

Web Development & Services

.NET Core API, ASP.NET MVC & ASP.NET, C#

SPA Frameworks

Angular & AngularJS

Database

Microsoft SQL Server & MongoDB

Client-Side Scripting

JavaScript & jQuery

Version Control

Azure DevOps(TFS) & Git

Experience in CI/CD Creations with

Azure DevOps & GitHub

Azure Services

Web App, Static Web App, Function App, SQL Database.

Code Analysis Tools

SonarQube & SonarLint

TRAINING & CERTIFICATIONS

Completed the following Azure Certifications Successfully:

- AZ-900 Microsoft Azure Fundamentals
- AZ-204: Developing Solutions for Microsoft Azure

PROFESSIONAL EXPERIENCE



APPLICATION DEVELOPMENT TEAM LEAD

2014 – PRESENT

Accenture Solutions Pvt Ltd, Chennai, India.

- Involved in analysis and development phase of application life cycle. Do Code Reviews and handle new application releases.
- Mentored Team with scheduled connects, code review and encourage to develop Tools as per Continuous Improvement.
- Clients: Barclays(UK), Kaiser Permanente (US), Accenture Products.



SENIOR PROGRAMMER

2009 – 2014

RELUISENT TECHNOLOGIES, PONDICHERRY, INDIA.

- Involved in analysis and coding for application development from scratch.
- Perform code deployment for new releases.
- Participate in Requirement gathering and do impact analysis.

PROFESSIONAL QUALIFICATION



B.E COMPUTER SCIENCE ENGINEERING

2009

Adhiparasakthi Engineering College
AFFILIATED TO ANNA UNIVERSITY, CHENNAI
First Class Honors with Average of 74%

KEY ACHIEVEMENTS



Awarded the “**Wall of Fame FY21-Q4**” Award in the Delivery Achievers Category for my contributions in the product release. Impact Assessment with Estimation and Development are the roles I involved in.



Awarded the **Accenture Celebrates Excellence (ACE) Award** during **FY19-Q4** in the Future Ready Skills category that helped deliver value to Client, People and Organization.

KEY PROJECTS

Treasury Tool (Barclays, UK)

The Tool is mainly used for the forecast purpose to plan Capitals for the Barclays. The planning is done using the various exercises to assess the impacts in all sectors of the Bank. It also used to monitor the Capitals for the Bank as part of Treasury department. This Treasury tool is a cloud-based tool developed to replace the existing End User Developed Application that runs on Clients Personal machines.

Key Technologies: .NET Core 3.1 API, Angular, SQL Server, kafka, Microservices.

Roles & Responsibilities:

- Used .NET Core 3.1 API & Angular for web & service development.
- Worked on creating Stored Procedures in SQL Server with Performance improvement activities.
- Involved in Deployment activities using TeamCity, Nolio tools for automation.
- Involved in Requirement Gathering of application development on UserStory levels.
- Involved in Microservice Creation from scratch using Barclays developed framework on top of kafka,.
- Created Cron jobs as part of Continuous Integration(CI) to automate tasks which doesn't need manual intervention.

Virtual Data Scientist (Accenture Product)

Virtual Data Scientist (VDS) is one of the agents available in myWizard® an Accenture product. VDS provides Predictive and Descriptive Analytics information for the client's data in visualizations. VDS predicts Risks and suggests actions which helps client provide services without any issue. It connects Client with prediction visualization of future data based on the current service data.

Key Technologies: .NET Core 3.1, MongoDB, C#, Angular & AngularJS, Docker, jQuery, OAuth2

Roles & Responsibilities:

- Used .NET Core 3.1 & Angular for web & service development.
- Worked on MongoDB which is used as database application as NoSQL program.
- Involved in Requirement Gathering of application development on UserStory levels.
- Involved in AngularJS to Angular migration for the Single Page Application.
- Created Cron jobs for automating daily activities to be done by a resource as part of Continuous Integration(CI)
- Involved in Release and Deployment management for all Quarterly Release of application.

Health Care Project (Kaiser Permanente, US)

Application developed to integrate data on various teams which work for Testing, Development and Business groups to track release statistics, store requirements, build test cases and manage defects. It is in effect multiple applications in one, whose components can be used independently or together.

Key Technologies: .NET 4.5.2, C#, SQL Server, AJAX, jQuery, Python 3.7, Python Django

Roles & Responsibilities:

- Designed the UI and server code for this project.
- Designed UI pages based on requirement documents and developed server codes.
- Created Stored Procedures in SQL Server to get data for the user requests which are scheduled as user-defined report.
- Created a job using Python to monitor the report execution process based on scheduled timing
- Involved in Release and Deployment management for all Quarterly Release of application.

Abacus Recruitment (Accenture, India)

Web application developed to automate processes involved in the recruitment of employees for Accenture IT & BPO sections. The application is mainly used by the Accenture HR Team which includes HR, Recruiters & Interviewers.

Key Technologies: ASP.NET MVC 5, SQL Server, jQuery.

Roles & Responsibilities:

- Involved in Release and Deployment management.
- Designed UI pages based on requirement documents and developed server codes.
- Created Stored Procedures in SQL Server for retrieving certificate details of current users and save the certificate details in the tables.
- Created Windows Services for automation of Employee Forms.
- Deliver accurate, timely and informative status report to the management and client.
- Maintain Issues and Risks log to keep track of issues & risks and work with appropriate clients to mitigate risks and resolve issues on time.

Integrated Solution Workbench (Accenture, India)

The Purpose of Integrated Solution Workbench (ISW) application is to maintain a one stop shop for Solution Architects to Opportunity management where SA can perform Tracking, Costing, Delivery Centre Support & Allocation of resources for an opportunity.

Key Technologies: .NET 4.5, C#, MVC5, Dynamic Data, SQL Server, AJAX, jQuery, IIS8.

Roles & Responsibilities:

- Designed Master Layout page based on requirement documents.
- Developed separate Master Data Management (MDM) application for allowing Admin to Insert/Update Opportunity records in database tables instead of connecting to database and execute queries.
- Integrated Accenture's Enterprise Sign On feature in ISW MDM application.
- Effectively coordinate and actively participated in UAT to ensure timely resolution of issues.
- Deliver accurate, timely and informative status report to the management and client.
- Maintain Issues and Risks log to keep track of issues & risks and work with appropriate clients to mitigate risks and resolve issues on time