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Description automatically generatedA picture containing text, sign, blue

Description automatically generated**Rajamanigandan Vijayaraman**

+1(615)-705-0513| [rajamanigandanvijayaraman@gmail.com](mailto:rajamanigandanvijayaraman@gmail.com) Nashville, Tennessee

**Dot.Net Lead Developer**

**SKILL SUMMARY**

* A Microsoft Certified and experienced software professional with 14 years of delivering complex web solutions for clients in various domains, including **eCommerce, Insurance, HRMS**, and **Government** organizations. Demonstrated expertise in design and development, ranging from client-side using **Angular (latest versions), JavaScript, HTML**, and **CSS** to strong **server-side code** using **C# and ASP.NET MVC Razor Syntax, Web API, .Net Core**.
* Proficient in Microsoft technologies with a strong system design, development, analysis, and implementation background. Hands-on experience in the **Azure Cloud** platform using **microservices architecture**, coupled with knowledge of **Azure** functions and distributed caching tools like **Redis, AutoMapper, and Log4Net.**
* Have good Cloud (**Azure**) application development experience using **Azure Function, Data Factory, Event hubs, IoT hubs, Blobs, Service Bus, Azure Key vault, App Service, APIM, Notification hubs.**
* Having good experience in **OOP**S.
* Having good experience in **Azure Data Lake.**
* Skilled in web application development, microservices architecture, and cloud deployment, with expertise in writing **web APIs**. Solid experience in databases such as **Azure SQL , SSIS, SSRS , T-SQL and SQL Server**, and extensive experience in requirement analysis and design, technical specification development, and planning of technical implementations, including test case and **test script** preparation.
* Having good experience in **SQL Database design**, **maintenance**, and **performance tuning, developing SQL queries/scripts, stored procedures, TSQL using SQL Server**.
* Experience using **AJAX,HTML,JQuery,CSS,JavaScript,Angular and typescript** to enhance the performance, looks and features of the Website.
* A self-motivated **Architect/Lead/Full-stack** Developer who adheres to established life cycle methodologies and creates **design documents, codes, and test programs**. **Utilizes Git/GitHub and CI/CD** proficiently for version control and seamless integration and deployment of code.
* Possesses onsite experience across locations in India, Malaysia, and Dubai, successfully working with diverse client stakeholders to understand requirements and lead the project team to execute on the requirements.
* Proven track record of working in an **Agile methodology**, actively participating in **SCRUM meetings**, and utilizing **JIRA** for project management and **Azure DevOps** for effective collaboration. Ability to guide the team on technical challenges and enforce best practices to achieve project milestones efficiently.
* Excellent conceptual and critical thinking capabilities, enabling the development of innovative and efficient software solutions. Exceptional communication, interpersonal, and teamwork skills, fostering productive collaboration within the team and with clients.
* Successfully implemented **AWS** **Notification** **Service** in various projects, enabling seamless communication between different components of cloud-based applications. Designed and configured notification topics to deliver critical updates to stakeholders. Integrated **SNS** with other **AWS** services for comprehensive notification strategies
* Experience in Version controlling tools **VSS, TFS, GIT** and **SVN**.
* Exceptional ability to quickly master new concepts and a proactive team player.

CERTIFICATIONS

* Microsoft Certified DevOps Engineer Expert
* Microsoft Certified Azure Developer
* Microsoft Certified Azure Fundamentals
* OutSystems Certified Developer

**EDUCATION AND CREDENTIALS**

Bachelor in Electronics and Communication Engineering - Hindustan College of Engineering, Chennai, 2003

**TECHNICAL**

* **Methodologies:**DevOps,Agile (Scrum), Waterfall
* **Databases:**Microsoft SQL Server, Redis
* **Languages:**C#, JavaScript (ES6), TypeScript, VB.Net
* **Cloud Platform:** Azure, AWS
* **Frameworks:** Net 6.0, .Net 4.6, Angular 11, DevExpress, NodeJS
* **Development Tools:**Azure Portal, Azure DevOps, App Insight, Azure Service Bus, Azure Functions, Azure IAM, Azure API Management, RabbitMQ, postman, swagger, JMeter,
* **IDE:**Visual Studio 2019, Visual Studio Code, Notepad ++, SQL Server Management Studio
* **CLI:** dotnet, Azure, Redis, git, docker
* **Source Control:**Azure DevOps (Git, TFS), GitHub, Bitbucket
* **Deployment Tools:** Azure DevOps (CI & CD), Azure AKS, Docker, Jenkins
* **Tracking:** JIRA, AZURE DevOps (Board)

**WORK EXPERIENCE**

**Jeevan Technologies India Pvt Limited, India**

Technical Lead, Dec 2021 – Till Date

**Client**: **IIA, USA**

Project: The Institute of Internal Auditors

Description: This is an ongoing project for the IIA; the Institute of Internal Auditors is an organization that provides educational conferences, develops standard guidance and certifications for the internal audit   
Profession.

Environment: Windows 2008 Server – IIS 7.5, VS2019,.Net Core 6, ASP.NET API 2.0, C#, ASP.NET MVC 5 Razor Syntax, Azure DevOps, SQL Server 2012.

Responsibilities:

* Successfully developed a fully integrated system using **ASP.NET MVC**, aligning with business requirements.
* Analyzed functional requirements and collaborated with the team to resolve obstacles efficiently.
* Generated novel ideas and designs tailored to meet customer and market demands.
* Conducted coding and contributed to database design using **Entity Framework.**
* Collaborated with internal and external technical leaders to create reference architectures and reusable design patterns.
* Developed a **Simego** Job for seamless data migration from the old database to the new database.
* Managed Release Management to ensure smooth deployment and updates.
* Leveraged expertise in design, development, and client-side technologies like **Angular, JavaScript, HTML, and CSS** for exceptional web solutions.
* Utilized **C#, ASP.NET MVC, Web API, .Net Core** for **robust server-side** code development.
* Demonstrated hands-on experience in **Azure**, implementing **microservices architecture** and leveraging **Azure functions.**
* Employed design patterns effectively to optimize application design and development.
* Utilized databases such as **Azure and SQL Server** for efficient data storage and retrieval.
* Proficiently utilized **Git/GitHub and CI/CD** for version control and seamless code integration and deployment.
* Engaged with client **stakeholders** to understand project requirements and successfully lead the project team to execute on the requirements.
* Guided the team on technical challenges, enforcing best practices for streamlined development processes.

**HTC Global Services MSC Sdn Bhd, Malaysia**

Technical Lead, Mar 2021 – Oct 2021

**Client**: **AIA Malaysia**

Project: AIA 1 APP 1 PORTAL Back Office (1A1P BO)

Description: Through the Back Office Portal, the AIA Administrator can manage users, customer settings, and

Notifications. The back office will validate the administrator's access using the AIA SSO authentication method. The 1A1P Back Office system does not have a login page. The only method of accessing 1A1P's back office is through the AIA staff portal. Permissions for AIA staff to access 1A1P Back Office are managed internally through the AIA staff portal.

Environment: Windows 2008 Server – IIS 7.5, VS2019, Azure, .Net Core 6, ASP.NET Core API 3.0, C#, Angular11, SQL Server 2012, ORM Dapper with Repository Pattern, ESB, MSMQ and Windows Service

Responsibilities:

* Developed a fully integrated system using **Angular 11**, effectively utilizing **Azure services** to optimize scalability and performance.
* Collaborated closely with clients to gather and implement **REST services** seamlessly, ensuring a smooth and efficient project workflow.
* Leveraged **Azure services** to enhance **Solution Architecture, SDLC, Engineering, and Quality Assurance** practices, streamlining development processes.
* Led the design and implementation of robust multi-tier, **micro-service-based** solutions, incorporating **Azure services** to ensure a **cloud-native** and **resilient architecture.**
* Created comprehensive documentation on best practices in development, **incorporating Azure, SQL Server, and CI/CD** methodologies, to facilitate efficient code management and deployment.
* Proactively identified and addressed performance issues using **Azure monitoring** and diagnostic tools, contributing to performance enhancement initiatives and achieving optimal system performance.
* Ensured strict compliance with established standards and regulations, implementing **Azure security** features and continuous monitoring to maintain a secure and compliant environment.
* Collaborated with **cross-functional teams** to resolve compliance issues related to **data storage, privacy, and security**, employing **Azure services** to meet regulatory requirements effectively.
* Sending Notifications From the Cloud Using **Amazon AWS** Notification Service

**Applica Technologies Sdn Bhd, Malaysia**

Senior Software Engineer, Aug 2019 – March 2021

**Client**: **AIA Malaysia**

Project: Project Horizon - Partial Withdrawal

Description: This is an AIA insurance company to allow the customer to perform quotations for sustainability through ALLP. The transaction is applicable for Conventional and Takaful

Investment-linked policy and policy status are enforced only.

Environment: Windows 2008 Server – IIS 7.5, VS2019, .Net Core 6, ASP.NET 4.8 Core API 2.1, C#, SQL Server 2012, ORM Dapper with Repository Pattern, Angular9.

Responsibilities:

* Developed a fully integrated system that met business requirements using **Angular 9**
* Actively contributed to the design, development, and maintenance of robust code libraries and tools
* Assisted project stakeholders in understanding, defining, and implementing solution requirements
* Participated in Scrum meetings and activities with other team members, including **sprint planning, estimating, backlog** refinement, daily stand-ups, sprint retrospectives, and sprint reviews
* Mentored and assisted other members of the development team, improving the quality and efficiency of the project
* Involved in **Release Management**

**Raqmiyat Information Technologies Pvt LTD**

Module Lead, Jan 2016 – June 2019

**Project**: **Sharjah Directorate of Human Resources**

**Description**: This is an ongoing project for Sharjah Government; aspiring Human Resources Department. The project contained the inquiry Service, application request services, incoming & outgoing approvals, insurance card applications, applying for training services, and the screen level flows required to implement the process on the website.

**Environment**: **Windows 2008 Server – IIS 7.5, VS2013, ASP.NET 4.5 MVC 5.0 Razor Syntax, C#, SQL Server 2012, ORM Dapper with Repository Pattern, OutSystems 10**

Project: Ministry of Presidential Affairs (MoPA) CMS, IDMS

Description: The project was a CMS directly integrated with MoPA Mobile Application. It will help the MoPA administration to manage the mobile content easily. IDMS, abbreviated as Identity Management System, will be able to integrate with MoPA Applications. The solution is architected as a 3 layered web application, satisfying loosely logical coupling and easy extensibility.

Environment: Windows 2008 Server – IIS 7.5, VS2013, ASP.NET 4.5 MVC 5.0 Razor Syntax, C#, SQL Server 2012, ORM Dapper with Repository Pattern, OCR

Project: Saudia CMS

Description: As a part of the CMS system, we provide the users with the Airport CMS option, which helps users add or remove new airports and the city CMS option, which allows users to add removed cities. The authentication and authorization module will control access to various functionalities. The solution is architected as a 3 layered web application, satisfying loose logical coupling and easy extensibility.

Environment: Windows 2008 Server – IIS 7.5, VS2013, ASP.NET 4.5 MVC 5.0 Razor Syntax, C#, SQL Server 2012, ORM Dapper with Repository Pattern

Responsibilities:

* Utilized **OutSystems 10** to develop a fully integrated system that satisfies business requirements
* From the project's inception to its completion, worked as a contributing member of the project team
* Provided services onsite in Dubai, collaborating with clients and team members to review requirements, develop specifications, and test solutions
* Determined the most advantageous course of action in terms of system-logic design, methodology, and timeline
* Responsible for developing **Outsystems mobile, reactive web, and traditional web applications**. Solicited and incorporated client feedback on designs and solutions delivered
* Provided programme leadership with status updates and reporting metrics and contributed to the program's on-time and on-budget delivery
* Defining and enforcing the **OutSystems** platform's code development guidelines

Collabera (Payroll: Zaten InfoTech Sdn Bhd)

Senior System Analyst, April 2015 – Dec 2015

Project: INTEL Malaysia

Description: Issue Tracker provides facilities to handle multiple meetings and associated issues. It also includes a

few charts report tracking appointments and issues based on yearly, quarterly, and monthly ranges.

The issue tracker integrates with another internal application to link the issue details. The authentication and authorization module will control access to various functionalities. The solution

is architected as a 3 layered web application, satisfying loose logical coupling and easy extensibility.

Environment: Windows 2008 Server – IIS 7.5, VS2012, ASP.NET 4.5 MVC 4.0, C#, SQL Server 2008, Angularjs, Entity Framework 6.1 & LINQ

Responsibilities:

* SQL Server 2008 was used to develop the issue module and design databases
* Conducted code reviews and version control using Bitbucket and GIT
* Ascertained the technical feasibility of user interface/user experience designs

ICREST Sdn Bhd, Malaysia

Senior System Analyst, Sep 2013 – Apr 2015

Project: PCBA Auto Conversion

Client: Western Digital (M) Sdn Bhd

Project Description: PCBA is an ongoing project used in hard disk drive manufacturing. Based on the hard disk drive model, the planner will decide and configure which PCBA part number to use on a priority basis for each HDD model. The system will auto-translate the hard disk drive loading to PCBA requirements per day/shift based on the priority configured by the planners.

Environment: Windows 2008 Server – IIS 7.5, VS2012, ASP.NET 4.5 MVC 5.0, C# Razor, SQL Server 2008, Telerik Kendo UI (HTML5 & jQuery), Entity Framework 6.1 & LINQ.

Responsibilities:

* Developed PCBA Planning, Lopper Configuration, and Capacity Analysis tools, as well as SQL Server 2008 databases
* Analyzed software, created reports, and collaborated with team members to remove impediments as needed
* Produced pertinent reports and documentation as directed by management

KVP Software Pvt Ltd – Chennai

Senior Software Engineer, January 2009 – September 2013

**Project:** LPM (Landing Page Maker)

**Client:** CBS, USA

**Project Description:** Landing Page Maker super-software provides your business with a revolutionary method for creating 100% organic static and dynamic landing pages in less than 15 minutes! There has never been a simpler method of creating a website landing page than through Landing Page Maker. It is so simple and unique that there is a US Patent on Landing Page Maker.

**Environment: C#.Net, T-SQL Server 2005, Framework 3.0**

**Responsibilities:**

* Led the product development using C#.Net, Framework3.5, WCF and database design using SQL Server 2005
* Analyzed software and prepared reports regularly; coordinated with the team to remove roadblocks where necessary
* Invented new ideas & designs which suited the current customer & market needs

**Project:** First Source Supplies (E-commerce)

**Client:** FirstSource Supplies, USA

Project Description: This website is for First Source Supplies Inc., which provides the sources of Engineering products and services to the customer. Suppliers can also use this website as one of their marketing tools. This website is primarily an Engineering product and service-based with online Quote request from Customer who needs product and consultancy services. A list of consultant profiles is displayed to the customer to know the knowledge of the consulting person.

**Environment: C#.Net, T-SQL Server 2005, Framework 3.0**

**Responsibilities:**

* Led the product development function using C#.Net, Framework3.0 and database design using SQL Server 2005

**Project:** Ezconnection (E-commerce)

**Client:** Ezconnection, USA

Description: Ezconnection is an E-Commerce project to display Products and their details to online customers. Users can search and buy Products online through various Payment Methods and maintain their Accounts with Ezconnection. Ezconnection provides services with affiliated sites, Search Pages, Promotion Management and Landing Pages. The Web-based Administration handles Ezconnection Products management.

Environment: C#.Net, T-SQL Server 2005, Framework 2.0

Responsibilities:

* Coordinated with team members in developing the product and designing databases
* Generated project reports and documentation
* Utilized SSIS and SSRS to create reporting packages