

DEEPAK K VASUDEVAN

SUMMARY:

1. **22+** years of professional experience in different heads as Software Engineer, Technical Lead, Software Architect and Technical Manager in Microsoft technologies, Open-Source Stack, Cloud based Development and Software Consulting
2. Despite two decades of experience, passionate Software Developer with impressive, extensive experience in **ASP, PHP, ASP.Net, C#, VB.Net, ADO.Net, Web-forms, XML Web services, WCF Services, Web API, Windows Services** with continued love for development tools.
3. Have hands-on experience in developing **RIA** using industry-grade tools and frameworks like **jQuery/Kendo UI**.
4. Strong experience in designing intensive database-driven applications with performance tuning/optimization on **Access 2003/2010, SQL Server 7.0 to 2019, MySQL 5.2, Oracle 18c and PostgreSQL 12**.
5. Rich experience in source control and configuration management with **Team Foundation Server, ClearCase, SVN and GIT**.
6. Rich exposure on wide range of software development strategies (**Waterfall** and **Agile**) and **capable of handling all stages of SDLC with ease, comfort, and flexibility**.
7. Hands on experience in migrating web and windows-based applications and have handled all types of applications from intranet, extranet and business-critical internet applications.
8. Versatile in gathering user requirements, analyzing, and modeling the system towards the intended functionality achieving client satisfaction and exceeding customer expectations. Believer in technology as a tool to realize cost-effective and rewarding solutions for business requirements and the former should amend and customize itself for latter's requirements.
9. Efficient in handling varied size teams ranging from Individual Contributor (IC) role to multi-geographies. Emphasis on systematic and process-driven approach for businesses towards realization of their objectives faster developing the rapport with employees and clients besides earning higher levels of credibility and references.

TECHNICAL SKILLS

Frameworks and Languages	1) Classic ASP, .NET Framework 1.1 to 4.7 and .NET Core 2.2 2) MVC 3 to 5 3) PHP 5.2 4) Angular 7, jQuery 2.0
Database	1) SQL Server 2000 to 2019 (Database) 2) MySQL 5.5 3) Oracle 18c (Database) 4) PostgreSQL 12
Source Control	Visual SourceSafe, TFS, ClearCase, SVN, GIT
Web Servers	Apache 2.0, IIS 5.1/6.0/7.0, Nginx
Operating Systems	Windows 10, Windows Server 2008/2003, Ubuntu 14.04

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EDUCATION:

1. MBA (Systems) from Alagappa University, Karaikudi, India.
2. Bachelor of Engineering (Computer Science) from Vellore Institute of Technology, India.

CERTIFICATIONS AND AWARDS

1. Microsoft Valuable Professional (2003: .NET Framework; 2004 to 2005: C#, 2006+: ASP/ASP.NET)
2. Verizon AES Excellency Award (2005)
3. Dotnetspider Valuable Professional (2007)
4. Community Credit Hall of Fame (2008)

PROFESSIONAL EXPERIENCE

Remote-Working/Short-Term/Freelance Assignments Summarized Separately

Expleo Systems

Timeline: May 2021 to December 2024

Role: Sr. Technical Developer/Architect

Project: Expleo SDE Application Development and Support

Description:

1. Part of the development and support of critical applications for Expleo SDE, utilizing my expertise in .NET and API integration. Successfully migrated a significant number of legacy APIs to the Open Data Protocol (ODA) format, streamlining data flow and reducing maintenance time by 20%.
2. Part of the team in working on the migration of a selected list of business-critical APIs from legacy formats to the Open Data Protocol (ODP) format, achieving a 20% reduction in data management time. Developed custom scripts to automate migration processes, improving efficiency and reducing manual effort by 50%.
3. Enhanced Expleo's connectivity with Monday.com by building custom applications to facilitate seamless integration of on-premise assets with the cloud-based platform. Streamlined the regional recruitment process by developing an end-to-end solution for profile consolidation, analysis, and automated forwarding to appropriate recruitment channels.

Reason for Looking Out: Business Unit Initiative Change/Direction and hence lack of projects to utilize my skillset.

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Timeline: March 2021 to Current

Role: Technical Architect

Project: BillPay API (for FiServ)

Description:

Part of BillPay API development and support team deployed to FiServ account responsible for managing the enhancement requests, bugfixes and addressing security vulnerabilities.

Roles and Responsibilities:

- 1) Design for new requirements and initial scaffolding structure and data modeling.
- 2) Participate in scrum ceremonies like Pi and Sprint Planning
- 3) Coordinate and addressing of Web Exploits/Vulnerabilities

Technology: ASP.NET 4.8, .NET Core 3.2 and 6.0, C#, WCF and WebAPI

Timeline: March 2021 to Current

Role: Technical Architect

Project: BillPay API (for FiServ)

Description:

Part of BillPay API development and support team deployed to FiServ account responsible for managing the enhancement requests, bugfixes and addressing security vulnerabilities.

Roles and Responsibilities:

- 4) Design for new requirements and initial scaffolding structure and data modeling.
- 5) Participate in scrum ceremonies like Pi and Sprint Planning
- 6) Coordinate and addressing of Web Exploits/Vulnerabilities

Technology: ASP.NET 4.8, .NET Core 3.2 and 6.0, C#, WCF and WebAPI

Reason for Looking Out: Project got completed.

GuideHouse India Ltd

Timeline: August 2020 to March 2021

Role: Sr. Software Engineer

Project: Advanced Systems Engineering

Description:

Was roped in to support on feature developments and bug fixes of an existing application framework for a few healthcare customers.

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Roles and Responsibilities:

- 1) Participate in the scrum ceremonies to understand the stories/tasks and then liaise with the technical team toward implementation of the same.
- 2) Coordinate with QA and BA team to ensure the story's acceptance criteria is met.

Technology: ASP.NET 4.5, C#, Web API, Jira

Reason for Leaving: Though it was a Remote Working role however after March, the back to work location was not feasible due to family commitments.

IdeaPlunge LLC

Timeline: January 2019 to January 2020

Role: Project Lead (Full Time till September 2019 and then Freelance Remote Consultant Role till January 2020)

Project: Mobotix Support Tools

Description:

A value-added component for their flagship product called Toolbox for Mobotix AG wherein rest of the applications can at ease manage their PDF documents like cobranding their respective sponsor identity, compress, implode and explode the document. Besides this the product had support for floor plan design and review to optimally place the surveillance device in the premises.

Roles and Responsibilities:

- 1) Participate in customer discussions and also in team agile meeting to coordinate in design and development of various components.
- 2) Ensuring the build and deployment of modules into customer environments for review.

Technology: .NET Core 2.2, Web API, MySQL, MongoDB

Reason for Leaving: IdeaPlunge shut its business post in January 2020.

SLK Global Solutions

Timeline: June 2018 to December 2019

Role: Development Manager

Project: Converge is a bouquet of enterprise applications powering SLK Intranet and Extranet towards accomplishing business objectives. One of the applications in Converge is Empower. Empower monitors the actual productivity and time spent by executives on the production floor. It helps view the operations holistically and identify opportunities for collaboration and optimization across the enterprise. It facilitates

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unlocking the full potential of the human capital and digital investments by identifying how teams spend time that impacts the customers and the enterprise.

Technology: WPF, Windows Services (in C#), SQL Server 2017, WebAPI

Reason for Leaving: Due to family commitments and reasons requiring extensive personal travel, I had to strike a balance by opting for freelance assignments.

HCL Technologies

Timeline: August 2016 to May 2018

Role: Solution Architect/Technical Manager

Project: Value Creation Portal

Description:

1. Responsible for coordinating, managing, and supporting of Value Portal (Ideating Module) along with its siblings Enterprise Projects Quality Assurance tool and Power-Of-One community initiative.
2. Was also responsible for design of new extensions of the tool, architecting the prototypes and see through the engineering part of the module through its development phase to production.
3. Coordinated with respective business units in gathering the requirements and managing the delivery with the set of teams reporting to me for each application.
4. Create Project schedule, agreement, track project status and provide in-depth reports to engagement, management, and client team.
5. Effectively communicate project vision to team members and provide leadership cum mentoring to them.
6. Part of the design discussions in containerizing the modules and having them deployed to Azure.

Technology: ASP.NET 4.5, C#, WCF, Angular JS, NodeJS, Azure

Reason for Leaving: Due to family commitments and reasons requiring extensive personal travel, I had to strike a balance by opting for freelance assignments.

Syntel [Client: Allstate Insurance, Northbrook IL/Chennai, India]

Timeline: July 2014 to April 2015

Role: Software Developer

Project: My Encompass

Description:

The MyEncompass application provides self-service capability to the consumer. Consumers can view their policy and agency info, pay bills, and retrieve/print ID cards. The application is designed to work across devices with particular focus on an optimal tablet experience.

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Roles and Responsibilities: Design and development of MVC Controllers, Business Components, WCF services. Coordination with deployment team. Coordination in development of user manual with technical writer team.

Technology: ASP.NET 4.5, C# 4.0, .NET Framework 4.5, MVC 4.0, SQL Server 2012, Entity Framework 6.1, jQuery 1.9

Reason for Leaving: Organizational re structure reasons.

Syntel [Client: Hospital Corporation of America/Location: Pune/Nashville TN]

Timeline: May 2013 to July 2014

Role: Software Developer

Project: EMSPI

Description: The Emergency Medical Services – Performance Improvement solution is a web-based product that allows Medical Directors of HealthONE to collect and analyze the Patient Care Report (PCR) data for its facilities. It facilitates performance review meetings between Medical Director and the Agencies. It allows agencies to add the PCR data in the system. The Website is accessible to both, HealthONE users (Internal) and Agency users (External) with appropriate rights (user oriented) on data and reports

Roles and Responsibilities: Design and development of External PCR and Agency/Site Modules. Fixing of UI and CSS related issues. Coordination with onshore team regarding deployment. Coordination in development of user manual with technical writer team.

Technology: ASP.NET 4.0, C# 4.0, .NET Framework 4.0, MVC 4.0, SQL Server 2012, jQuery 1.9

Ordusion Technologies [Client: Dell/Location: Nashua NH]

Timeline: June 2012 to April 2013

Role: Project Lead

Project: PGRMA

Description: PGRMA is an enterprise resource management tool that captures the current allocation statistics of various resources owned by supervisors spread across the strategic business units. It enables to efficiently plan for efficient utilization of these resources for their projects. The application has rich visual chart-based reporting for easier understanding, error-free and expedited decision-making for the user.

Roles and Responsibilities: Responsible for developing the entry pages for resources and projects. Responsible for managing the WCF components for resource allocation.

Technology: ASP.NET, C#, .NET Framework 3.5, HTML 5, JQuery, WCF, SQL Server 2012 and DevExpress.

Reason for Leaving: Due to personal family conditions back in home country had to travel back. Hence secured an assignment through an organization with presence in both the countries accommodating the specified requirements.

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Ordusion Technologies [Client: Summit Energy/Location: Louisville KY]

Timeline: October 2011 to June 2012

Role: Software Consultant

Project: Resource Advisor

Description: Abatement is an enterprise planning module of Dashboard-View, an award-winning online sustainability and energy management software. It provides an elegant way to define various operational projects required for an enterprise to minimize energy and maximize the profits in the process besides providing quick birds-eye view charts for the various business scenarios.

Roles and Responsibilities: Developing of pages in 'Scenario Planning'. Developing charts using HighCharts library. Developing of user controls of common shared functionality across the application.

Technology: ASP.NET, VB.NET, .NET Framework 3.5, WCF, SQL Server 2008, Telerik ASP.NET Controls

Reason for Gap Between March 2010 to July 2011. 221G Blue Slip Administrative Processing Wait for H1B Stamping. Hence with USA employer approval was upgrading my skills and doing freelance assignments.

Verizon India [Client: Verizon Data Services Inc/Location: Chennai and Irving Tx]

Timeline: March 2008 to February 2010

Role: Architect/Sr Developer

Project: Verizon Call Assistant

Description: Verizon Call Assistant is a hosted product for telephone subscribers helping them view and manage their accounts and billing. It has features like address book, voice message preview, email and text alerts. The application also has a desktop tool to complement the web offering.

Technology: C#, ASP.NET 2.0, Visual Studio 2005, SQL Server 2005, JavaScript.

Reason for Leaving: Intent of moving to USA for a few years post approval of H1B Petition.

Verizon India [Client: Verizon Data Services Inc/Location: Chennai and Irving Tx]

Timeline: November 2004 to February 2008

Role: Architect/Sr Developer

Project: IobiDrive

Description: The objective of this enterprise file storage application is to provide secure storage, retrieval and exchange of the documents and files within the enterprise and in the process to saving budgets by avoiding email attachments, reducing downtime, legal and statutory compliance.

Responsibilities: Designed the web forms, web services for the application. Involved in design and development discussions. Onshore visit to coordinate production deployment and support.

Technology: C#, ASP.NET, SQL Server 2005, JavaScript.

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Synaptris Decisions (dba) Cybernet Software

Timeline: April 2004 to September 2004

Role: System Analyst/Sr. Software Engineer

Project: Synaptris Reporter

Description: Synaptris Reporter is an enterprise reporting tool featuring impeccable information delivery, analysis and decision-making. The tool encompasses the needs of generating reports across the enterprises and their customers.

Responsibilities: Designed and coded a generic data Access Component based on factory pattern for the reporter UI to seamlessly interact with any compatible data source. Wrote a Windows Scheduler service that generates reports on a regular periodic basis.

Technology: ASP.NET, C#, Visual Studio.NET, SQL Server 2000, Oracle 8i, IBM DB2, Access 2003, XML, Windows 2000, Visual SourceSafe.

Reason for Leaving: Got a competitive offer.

C S Solutions [Client: XP Systems Inc and US Alliance Federal Credit Union/Location:

Chennai/Moorpark CA/Rye NY]

Timeline: July 2001 to March 2004

Role: Programmer

Project: Member Portfolio Systems

Description: MPS is an extension of XP2 (Credit Union Management System) from XP Systems. The scope of MPS-XP2 would cash flow and credit management of its customers. MPS interacts with XP2 using Web Services.

Responsibilities: Developed a Windows Scheduler managing the automated reports, cleanup tasks etc., Designed screens and developed Web forms for Stock Price Maintenance Screens. Published Interface web services with the host system. Extensively designed custom controls and used validation controls for the correct data check in the forms. Part of the team to participate in the coding of Data Access Manager. Coordinating the testing process and assisted in deploying the application onsite. Performance tuned SQL queries executed against the underlying database.

Technology: Windows 2000, Microsoft.NET (Visual C#, ADO.NET), XML, SQL Server 2000

Reason for Leaving: After the project got completed and the offshore development team was re-aligned into DWH (Data warehousing) center of excellency.

3rdAgenda [Client: Government of Tamil Nadu/Location: Chennai]

Timeline: December 1999 to April 2001

Role: Software Engineer

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Project: SIDCO Website

Description: SIDCO is a corporate website of small industries export consortium initiative of Government of Tamil Nadu. It provides information regarding taxation benefits and directory of members.

Responsibilities: Designed the screen and developed the module for customer management. Designed a quick article engine for the customers to manage their personalized homepages on SIDCO website. Used extensive JavaScript for data validation and page presentation effects.

Technology: ASP 3.0, SQL Server 2000.

Reason for Leaving: Got a competitive offer.

Contractual/Freelance Assignments

Timeline	Customer	Technology Stack	Project	Type of Opportunity
October 2015 to July 2016	Growell Softech P Ltd	Windows Services, C#, SQL Server 2014	Managing the Facets Claims and Rejections applications interfacing with the mainframe system and developed a windows service that generates daily report for the stake holders and business analysts to review.	Contractual Assignment
October 2015 to December 2015	IT Bright P Ltd	ASP.NET, C#, SQL Server 2016	October 2015 to December 2015	Remote Working Consultant as .NET Specialist
May 2015 to September 2015	Softura P Ltd	ASP.NET, C#, SQL Server 2012	IdeaConnect is an enterprise social networking platform for Magna corporation which has world-wide presence. The application features modules like crowd solving where users collaborate and compete with one another ushering to provide best solutions for problems posted on the website.	3 months Contractual Role
May 2001 to July 2001	Sakshi Automation Solutions (P) Ltd	ASP, VB, SQL Server 2000	Wheels is an intranet application for GECIS facilitating online booking and follow-up of cabs. It also features an extensive reporting besides a cost-effective routing and planning.	Onsite Consultant

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