Deepak Kumar Vasudevan

SUMMARY:

1. 24+ years of professional experience in roles such as Software Engineer, Technical Lead, Software Architect, and Technical Manager, specializing in Microsoft technologies, Open-Source Stack, Cloud-based Development, and Software Consulting.
2. Passionate Software Developer with extensive expertise in:
   a. Scripting & Web Development: ASP, ASP.NET (Framework and Core), PHP, Blazor
   b. Programming Languages: C#, VB.Net
   c. Databases: ADO.Net, Entity Framework (EF), EF Core
   d. UI & Presentation: Web, Windows, WPF, JQuery, Angular, Kendo UI
   e. Service-Oriented Architecture: Web Services, WCF, Web API, Microservices
   f. Windows Services: Building and maintaining services.
   g. Operating Systems: Windows 10/11, Windows Server (2008/2003), Ubuntu
   h. Testing: Automated and Manual. Emphasis on product moving to QA after good Unit Testing with sufficient code coverage accomplishment.
   i. Containerization & Orchestration: Familiar with Docker and Kubernetes, leveraging them for streamlining deployments and enhancing scalability within projects.
   j. Frontend Frameworks & Cross-Platform UI: Proficient in React and React Native for building scalable SPA (Single Page Applications) and mobile apps with reusable components, efficient state management (Hooks, Context), and seamless integration with backend APIs.
3. Proficient in designing performance-optimized, database-driven applications with a focus on SQL Server (7.0 to 2022).
4. Experienced in source control and configuration management using TFS, ClearCase, SVN, and GIT.
5. Skilled in various software development methodologies (Waterfall, Agile) and managing all stages of SDLC.
6. Experienced in application and database migration across diversified environments, including DMZ, Intranet, Internet, and Extranet, using IIS, Apache, and Nginx.
7. Adept at managing teams from Individual Contributor to multi-geographical roles, emphasizing systematic, process-driven approaches that build credibility and enhance client rapport.

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

Expleo Systems
Timeline: May 2021 to December 2024
Role: Sr. Technical Developer/Architect
Project: Expleo SDE Application Development and Support

Development and Support for Expleo SDE:
Contributed to the development and support of critical applications, leveraging 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%.

Telephone: +91 94454 07856/+91 94239 47856/+1 703 540 7297

Email: deepak.vasudevan@outlook.com / deepak.vasudevan@programmer.net

API Migration to Open Data Protocol:
Collaborated with the team on migrating 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%.

Integration with Monday.com:
Enhanced Expleo' s connectivity with Monday.
com by building custom applications that facilitate seamless integration of on-premises 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.

Timeline: March 2021 to Current Role:
Technical Architect Project: BillPay
API (for Fiserv)

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

Core Functions:
1) Design Leadership: Led the design for new requirements, including initial scaffolding and data modeling for independent REST microservices.
2) Agile Participation: Actively participated in Scrum ceremonies, including PI and Sprint Planning, to ensure alignment on project goals and deliverables.
3) Vulnerability Management: Coordinated efforts to address web exploits and vulnerabilities, enhancing the security posture of the application.
4) Microservices Development: Developed individual modules as independent REST microservices, ensuring scalability and maintainability in line with microservices architecture principles.

Technology: ASP.NET, .NET Core, C#, WCF, Web API

GuideHouse India Ltd
Timeline: August 2020 to March 2021 Role: Sr.
Software Engineer
Project: Advanced Systems Engineering
Engaged to support feature development and bug fixes for an existing application framework catering to several healthcare customers.

Core Functions:
1) Participated in Scrum ceremonies to understand stories and tasks, collaborating with the technical team for implementation.
2) Coordinated with QA and BA teams to ensure all acceptance criteria for stories were met.

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

IdeaPlunge LLC
Timeline: January 2019 to January 2020
Role: Project Lead
Project: Mobotix Support Tools
A value-added component for the flagship product, Toolbox for Mobotix AG, enables seamless management of PDF documents for various applications. This includes features for co-branding sponsor identities, compressing, imploding, and exploding documents. Additionally, the product supports floor plan design and review, allowing optimal placement of surveillance devices within premises.

Core Functions:
1) Participated in customer discussions and team Agile meetings to coordinate the design and development of various components.
2) Ensured the build and deployment of modules into customer environments for review.
3) Developed individual modules as independent microservices for enhanced maintenance and scalability.

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

SLK Global Solutions
Timeline: June 2018 to December 2018
Role: Development Manager
Converge is a suite of enterprise applications that power SLK Intranet and Extranet to achieve business objectives. One key application within Converge is Empower, which monitors actual productivity and time spent by executives on the production floor. Empower provides a holistic view of operations, identifying opportunities for collaboration and optimization across the enterprise. By analyzing how teams spend their time, Empower unlocks the full potential of human capital and digital investments, impacting both customers and the organization.

Technology: WPF, Windows Services (in C#), SQL Server, Web API

HCL Technologies
Timeline: August 2016 to May 2018
Role: Solution Architect/Technical Manager
Project: Value Creation Portal

Core Functions:
- Coordinated, managed, and supported the Value Portal (Ideating Module) alongside its associated tools,

including the Enterprise Projects Quality Assurance tool and the Power-Of-One community initiative.

- Designed new extensions for the tool, architected prototypes, and oversaw the engineering process from development to production.
- Collaborated with business units to gather requirements and manage delivery with teams reporting directly to me for each application.
- Created project schedules, agreements, tracked project status, and provided detailed reports to engagement, management, and client teams.
- Effectively communicated the project vision to team members while providing leadership and mentoring.
- Participated in design discussions for containerizing modules and deploying them to Azure.

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

Syntel [Client: Allstate Insurance, Northbrook IL/Chennai, India]
Timeline: July 2014 to April 2015
Role: Software Developer Project: My
Encompass
The MyEncompass application offers self-service capabilities to consumers, allowing them to view policy and agency information, pay bills, and retrieve/print ID cards. The application is optimized for a seamless experience across devices, with a particular focus on tablets.

Core Functions: Designed and developed the MVC Controllers, Business Components, WCF services. Coordination with deployment team. Coordinated with the technical writer team to develop user manuals. **Technology:** ASP.NET, C#, MVC 4.0, SQL Server, Entity Framework,jQuery

Syntel [Client: Hospital Corporation of America/Location: Pune/Nashville TN]
Timeline: May 2013 to July 2014
Role: Software Developer
Project: EMSPI
Description: Syntel [Client: Hospital Corporation of America/Location: Pune/Nashville TN] Timeline: May 2013 to July 2014
Role: Software Developer Project: EMSPI
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.
Core Functions: Designed and developed the External PCR and Agency/Site Modules. Resolved UI and CSS related issues. Coordination with onshore team regarding deployment. Coordinated with the technical writer team to develop user manuals.
Technologies: ASP.NET, C#, .NET Framework, MVC, SQL Server, jQuery

Ordusion Technologies [Client: Dell/Location: Nashua NH] Timeline:
June 2012 to April 2013
Role: Project Lead
Project: PGRMA
PGRMA is an enterprise resource management tool that tracks current allocation statistics for resources owned by supervisors across strategic business units. The application facilitates efficient planning and utilization of resources for various projects, featuring rich visual chart-based reporting to enhance understanding and enable expedited, error-free decision-making.
Core Functions: Developed entry pages for resource and project management, Managed WCF components for resource allocation.
Technology: ASP.NET, C#, .NET Framework, jQuery, WCF, SQL Server and DevExpress.

Ordusion Technologies [Client: Summit Energy/Location: Louisville KY] Timeline:
October 2011 to June 2012
Role: Software Consultant
Project: Resource Advisor
   Abatement is an enterprise planning module of Dashboard-View, an award-winning sustainability and energy

management software. It enables enterprises to define operational projects aimed at minimizing energy consumption and maximizing profits, providing a quick, bird's-eye view of various business scenarios through insightful charts.
Core Functions: Developing of pages in 'Scenario Planning'. Created Interactive charts using HighCharts library. Designed user controls of shared functionality across the application.
Technology: ASP.NET, VB.NET, .NET Framework, WCF, SQL Server, Telerik ASP.NET Controls

Earlier Projects (1999 to 2010) – In a Nutshell

S. No.	Project	Customer	Timeline	Role	Tech Stack
1	IdeaConnect Social Networking Platform	Magna (via Softura)	May 2015 to September 2015	Project Lead	C#, ASP.NET,, SQL Server, Angular JS
1	Verizon Call Assistant	Verizon	Mar 2008 to Feb 2010	Architect	C#, ASP.NET, SQL Server, jQuery
2	IobiDrive	Verizon	Nov 2004 to Feb 2008	Architect	
3	Synaptris Reporter	Synaptris Decisions	Apr 2004 to Nov 2004	Sr. Software Engineer	C#, SQL Server, Oracle 8i, IBM DB2, XML
4	Member Portfolio Systems	CSSI/XP Systems	Jul 2001 to Mar 2004	Programmer	ASP.NET, C#, IBM DB2, XML
5	SIDCO Website	3rdAgenda	Dec 1999 to Apr 2001	Software Engineer	ASP 3.0, SQL Server 2000

Contractual/Freelance Assignments

Timeline	Customer	Technology Stack	Project	Role	Type of Opportunity
Oct 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
Oct 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 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	May 2001 to July 2001