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Why Hire Me?

Over 15+ years of software development career with immense working experience in the software development life cycle, I contributed to building and delivering many software solutions. I contributed as a Technical Architect, Tech Lead, Technical Consultant, and Full Stack Developer to achieve milestones.

Though out my journey I have contributed to implementing software solutions for Healthcare, Warehouse Management, Insurance, Integrations, Learning Management Systems, and Fleet data management domains.

I have worked with multiregional teams and professionals around the world. Especially worked with teams and clients based in Scandinavian, the US, Australia, and India. I can certify that I have the correct set of disciplines and skills that would help me to work for different cultural teams confidently.

As an enthusiastic full-stack developer with a strong in .NET, Angular, React and Azure Cloud-Certified professional I would be looking forward to giving my contribution to fulfill the achievement of the new offering.

Skills

<ul style="list-style-type: none">• C#, Microsoft.NET, .NET Core• ASP.NET, ASP.NET CORE, ASP.Net WEB API• Oauth 2.0 / IdentityServer 4.0• Akka.net• Angular JS/Angular• React• JavaScript• Azure Devops (CI/CD), Azure Services, Azure Automation (ARM Template), Azure Service Fabric, Azure Serverless, Azure Functions• Entity Framework• Windows Communication Foundation• Microsoft SQL Server/SQL	<ul style="list-style-type: none">• Git, Subversion• Sonar Cloud• FxCops• Object Orientation Principle• Solution design with Microservice• Concept of DDD• Design Patterns• Unit Test (NUnit/MSTest/xUnit)• Dependency Injections• Agile Methodology, Scrum, Kanban
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Employment History

99x Technology Pvt Limited

- Technical Architect/Senior Tech Lead [2018 November – Current]

Tiqri Pvt Limited (Former Exilesoft)

- Senior Tech Lead/Tech Lead [2013 September – 2018 November]

Pearson Lanka Limited

- Technical Specialist [2013 March – 2013 September]

Virtusa Private Limited

- Technical Consultant/Senior Software Engineer/Software Engineer [2007-August – 2013 March]

Additional Accomplishment

- Obtained Microsoft Certified: Azure DevOps Engineer Expert certificate (2021).
- Obtained Microsoft Certified: Azure Developer Associate certificate (2021).

Professional Work Experience (14+ Years)

Experience At 99x (2018 November – Current)

As Technical Architect and Senior Tech Lead

New Aspit Healthcare System

Business Problem:

Aspit is a leading healthcare service solution provider for private and municipal clinics in Norway. It mainly provides solutions for appointments bookings, journal managements, patient timelines and payment handling and integrations with government healthcare systems. Aspit want provides these services through multi-tenant web and mobile base service.

Technology Stack:

.NET Core, Azure Service Fabric, Angular 9/12, AutoFac, Identity Server, ADFS, VSTS, Entity Framework, EF Core, ASP.NET Core

Experience at Tiqri (Former Exilesoft) (2014 February – 2018 November)

As Senior Tech Lead

Aspit Aurora Healthcare solutions

Business Problem:

Aurora is Product suits own by ASPIT Norway for helps healthcare management for clinics. It contains set of products like Journal for clinics, Health web for patients and Mobile apps like wise. Those are supports for doctors and other healthcare professionals on healthcare activates like make appointments, create journal, maintain timeline of a patients, some invoicing, etc. Also from patient's prospective patient also can book appointments, and medical history.

The Project is built on MicroService architecture with support of Azure Service fabric. Having few teams developing separate services independently.

Technology Stack:

.NET, Service Fabric, Angular, AutoFac, Identity Server, ADFS, VSTS, Entity Framework, EF Core, ASP.NET Core

Element Logic Warehouse management solutions

Business Problem:

Member of a geographically distributed team, designing and implementing an automated warehouse management system that utilizes robotics and automated robot units. The system is used by warehouses based in the Scandinavian region and Europe, in order to optimize operations and manage activities and resources, while seamlessly integrating with various 3rd party ERP systems. Development technology is based on the Microsoft .Net stack and related tools, and the solution architecture consists largely of elements from domain driven design, message queues/buses, CQRS approaches, and reactive frameworks based on the actor model.

Technology Stack:

Visual Studio 2017, ASP.NET MVC, Microsoft SQL Server, Akka.net, nHibernate, NUnit, Service Bus

Fuji Xerox Australia Account Payable Solution Development Project

As Tech Lead

Business Problem:

Fuji Xerox AP is a software solution which provide functionality of data capturing from Invoice/Credit Note and approval through a workflow. It is OCR Invoice/Credit Notes to digitalize data then data is enriching with some metadata finally those invoices/credit notes feed to Account Payable system.

Separate workflow is build up with WCF and MSMQ for handle invoice comes through SFTP. Also Windows service is build up for handle invoice comes as email.

I was mainly worked on Capture process. It was consisting of set of windows services, TIS Eflow .

Technology Stack:

Visual Studio 2012, Microsoft SQL Server, Windows Services, TIS E-Flow, SQL Server Reporting Service, Autofac, xQuery, Internet Information Service(IIS), Automated Deployment with Octopus, Team foundation Server(TFS), MS Test

Experience at Pearson Lanka (2013 March – 2013 September)

As Tech lead

UTI Grade book Project

Business Problem:

The company provides a comprehensive, on-demand eLearning solution that supports some of the most successful, fully online degree, certificate/diploma and professional development programs in the country.

The UTI Gradebook is a custom gradebook which was tailor made and written specifically for the client UTI (Universal Technical Institute) headquartered in Arizona USA. It is a sub-system which consists of modules for analyzing students' performance based on factors which include the student's attendance, professionalism and grades archived on subjects followed as well as tests/exams taken. The UTI Gradebook consists of many integration points to third party components. These integrations are accomplished via Web API REST Service and messaging queue Prospero written keeping Rabbit MQ as the base.

Technology Stack:

Visual Studio 2010, ASP.Net, IIS 6, REST services, OAuth 2.0 Framework, Castle Monorail MVC Framework, SQL Server 2008, JavaScript

Experience at Virtusa (2007 August – 2013 March)

Gowireless GRIP Development Project:

As Tech Lead

Business Problem:

Cell Brokerage will engage with multiple third party vendors to sell insurance policies to the cell phones which customers will purchase from the third party vendors. So that Cell Brokerage will expand its market through third party vendors and the vendors will be given marketing and expense fees for the sales by Cell Brokerage in return. The purpose of this project is to implement a system which can be accessed by Cell brokerage and all member third party vendors to manage the end-to-end operations required to manage member companies, their employees, policies and policy customers as well as to generate managerial reports. The system will be administered by Cell Brokerage.

Technology Stack:

Visual Studio 2010 Ultimate, Microsoft SQL Server 2008 R2, ASP.Net MVC 3, JQuery, Entity Framework 4.1, WCF, SQL Server 2008 Reporting Service, SQL Server Replication, Amazon Cloud Computing, IIS 7.5.

International Aero Engines FDMS System Replacement Project:

As Tech Lead

Business Problem:

International Aero Engines AG (IAE) is a joint venture company among 4 leading aircraft engine manufacturers to produce, sell, and support the V2500 engine. The 4 manufacturers are: Rolls Royce, Pratt & Whitney, Japanese Aero Engine Corporation and MTU Aero Engines. The existing Fleet Data Management System (FDMS) tracks engine events, monthly usage, asset management and configuration for the entire fleet of V2500 engines.

Develop a replacement Fleet Data Management System (FDMS) to client International Aero Engines AG (IAE).

Design overall server, application, and storage architecture.

Migration of data from existing MXI applications is required to new system at go-live.

Technology Stack:

Visual Studio 2010 Ultimate, Microsoft SQL Server 2008 R2, ASP.Net MVC 3, JQuery, Entity Framework 4.1, WCF, SQL Server 2008 Reporting Service.

McDonalds DMT 2.0(Data Management Tool) Project:

As Senior Software Engineer

Business Problem:

The existing DMT v1.0 primarily provides functionality of data flow management between the RiDM and legacy Poller system for data movement solutions and the various enterprise applications for McDonalds US market.

The enhancements done in this project allows have sequential uplink data movement between RiDM and Poller system where as in DMT 1.0 uplink data movement was not sequential. Enhancement is done of existing data flows turns on/off functionality.

Environment:

MS Windows Server 2003 R2, Standard Edition with Service Pack 2,
MS SQL Server 2005 with Service Pack 2, MS BizTalk Server 2006 R2,
MS .NET Framework v3.0, MS Visual C# v2.0, MS Enterprise Library 4.1 (Logging, Exception Handling and Data Application Blocks).

Thomson Reuters Tax & Accounting - CPL Maintenance

As Senior Software Engineer

Business Problem:

The Tax & Accounting business of Thomson Reuters offers hundreds of online courses covering a variety of accounting and tax topics, including industry-leading state ethics training courses for accountants.

Earlier there was not computerized way of tracking attendance of those course's participants. I was involved to develop web based online attendance management system using Asp.Net MVC to tracking each of participants attendance.

Each of those online courses has a barcode value. So Thomson has a new requirement of enhance earlier mention online attendance management system with the barcode. So when participate comes to hall to attend a course he has to swap in his barcode to a scanner which in front of the hall and when he out he has to swap out. Base on those swap in and swap out values his attendance is calculated.

Environment:

Microsoft Visual Studio 2008, Microsoft SQL Server 2008, ASP.NET MVC 1.0, Microsoft .NET Framework v3.5, MS Visual C#

Project Role:

Senior Software Engineer following responsibilities

- Develop Online Attendance Management System.
- Develop Barcode Attendance Management System.

McDonald's DMT (Data Management Tool) Project

As Software Engineer

Business Problem:

As a part of the business process, US McDonald's needs to transfer data between the In Store Applications (ISAs) at restaurants and the various enterprise applications (referred as external applications) at the corporate hub.

US RiDM System will be the primary data transport mechanism for data flows between the ISA and various external applications. The legacy Poller System will continue to transport data for ISAs that are not RiDM capable until those ISAs have been upgraded to the proper version and are RiDM client-capable. Poller will eventually function as a backup transport system in the event that RiDM cannot transport data due to an exception.

In order to support the data flows, it is necessary to develop a solution that will provide a consistent interface for data flow management for external applications. The interface will allow US RiDM System to meet the primary high-level business requirements for external application data flow transmission:

Environment:

MS Windows Server 2003 R2, MS SQL Server 2005 with Service Pack 2, MS BizTalk Server 2006 R2, .NET Framework v3.0, MS Visual C# v2.0, Enterprise Library 4.1 (Logging, Exception Handling and Data Application Blocks).

Education

- University of Colombo School of Computing, Sri Lanka - Degree of Bachelor of Computer Science (2007).
- Isipathan College Colombo, Sri Lanka – Advanced Level Mathematics Stream (2003)
- Dharmaraja College Meegoda, Sri Lanka – Ordinary Level Exam (2000)

Personal Details

- Full Name : Athukoralage Amal Shalika
- Address : No 400/D/27, Udagewattha, Meegoda, Sri Lanka
- Date of Birth : 31st October 1984
- Sex : Male
- Civil Status : Married
- Nationality : Sri Lankan
- N.I.C. No : 843053440V