Balaji Vijayan

Developer

Balaji serves Thoughtworks as an Application Developer with fourteen years of experience in the creation of large-scale distributed object applications and the integration of disparate systems. He is heavily involved in the Agile Community, consulting with companies on OO Design, patterns, testing techniques and development methodologies. His main area of recent expertise has been C#, .net.

# Thoughtworks experience

## New Joiner

### Apr 2022-

Balaji joined Thoughtworks on Apr 2022 as Lead Consultant - Developer

# Other experience

## Eurofins IT Solutions / Bangalore

### Technical Lead/ Sr Developer/DevOps Engineer/Digital Online - Jun 2016 - March 2022

Leading the development team on Results 2.0 initiative with .net 5.0. Designed and developed reporting modules of an eCommerce application, which includes Customizable reports, processing results from labs integrating with enterprise service APIs with .net5, EF Core, SQL Server 2019. Application performance analysis and optimization of backend modules. Laid out integration testing using PlayWright and Specflow and Docker images & containers. Established CI/CD with Azure pipelines using Cake/ Powershell scripts integrating with Octopus. Lead and developed Pesticide Assessment module in Legacy application.

Tech Stack:

C#, .NET, gRPC, Angular, ActiveMQ, SQL Server, Docker, Jenkins, Chef, Octopus, Cake

### Senior Developer/Scrum Master/ eLIMS Milk – July 2013- Jun 2016

Developed Instrument integration using SSIS for ETL. Designed and developed Automatic batching module for LIMS processing. Developed multiple front-end desktop modules for LIMS for Milk testing using WPF. Implemented service layer APIs for M2M ordering modules

Tech Stack:

C#, WPF, MVVM, SQL Server, SSIS.

Cognizant/Chennai/London/Bangalore

### Sr Developer/Banking/Dec 2012 – July 2013

Create new time tracking component for the requests to 3rd party providers. Create new OptOut component for Client Notification WCF Service.Create high level and low-level design artifacts.

Tech Stack:

C#, WCF, Nunit, SQL Server

### Sr Developer/Retail/May 2009-Dec2012

Create high level and low-level design artifacts. Developed Order management screens. Developed Windows services for Order Processing. Track the Process artifacts of the team using C2.0. Undergo TCG and DAG audits. SAP integration with merchandise systems for leading Retail client. Act as an SME - Provide application expertise for end-to-end flow across systems. Design and develop automated reporting of Interface failures. Create Techno-functional document for business users to address the issues.

Tech Stack:

C#, ASP .net, MVC, WebSphere MQ, Oracle

Developer/Healthcare/Apr 2008 – May 2009

Business process integration for a leading Clearing house customer. Develop the Alerts Search/Add-Edit Screen. Develop the E-Mail Template Screen.

Tech Stack:

C#, ASP .net, SQL Server, Symphonia - EDI

Developer/Insurance/Dec 2007 – Apr 2007

Add the lookup screen for rules set. Create Technical artifacts.

Tech Stack:

VB.net, ASP .net, SQL Server

# Skills

* Programming Languages, C#, Visual Basic, XML, XSL, PL/SQL
* .NET Specific Competencies: ADO.NET, ASP.NET, .NET Web Services, .NET Remoting. .Net Core
* Distributed Computing: XML Web Services, DCOM and COM/COM+, gRPC, WCF, Active MQ, Apache
* Databases: MS SQL Server, Oracle
* Tools: Visual Studio.NET, Visio, XUnit, Specflow, Chef, Jenkins, Powershell, Octopus
* Domains: Insurance, Healthcare, Retail, Life Science
* Methodologies: Scrum, Waterfall

# Education

Bachelor of Engineering

Govt. College of Engineering, Anna University / Salem / 2007

Electrical & Electronics Engineering