

KARTHIK JAMBULINGAM

Technology Architect



SUMMARY

A passionate Solution Architect and hands-on developer who has over 13 years of experience in design and development of large scale enterprise applications using Microsoft .NET and AngularJS technologies. Proficiencies include

- Application Architecture, Design, Consulting, Performance Eng., Modernization, Pre-sales
- Thought leadership - Research, mentor, coach, consult, support strategic portfolio initiatives
- Research, develop prototypes and reference architectures on new technologies and concepts
- FinTech experience - Financial Services Domain - Wealth Management and Payments

RECENT PROJECTS

DOL Decision Tree - Merrill Lynch - Nov'15 to till date as Solution Architect

- Utility for advisors to help clients to make guided decision for retirement rollover plans and channels
- HTML5, Angular2, Typescript 2, SystemJS, ASP.NET Web API, Swagger, Visual Studio Code, MS Visio
- Created Architecture and design artifacts, set up new development ecosystem, created reference architecture

Understanding Your Life - Merrill Lynch - Jan'16 to Oct'16 as Solution Architect

- Hybrid iPad app for Financial Advisors to interact with high net worth clients to manage their wealth planning
- HTML5, AngularJS, Typescript, ASP.NET Web API, Bootstrap, Material Design, SASS, Grunt, Jasmine, Nuget
- Design Concepts: RWD, SPA, Mobile-first, REST, Event Driven Design, Test focused, DDD
- Responsible for design, explore solutions, implementation, mentoring team, code review and validation

Client 360 Goal Sleeve - Merrill Lynch - May'15 to Jan'16 as Solution Architect

- Goals of wealth planning capabilities delivered as self-contained Web Components
- HTML5, AngularJS, Typescript, ASP.NET Web API, Bootstrap, Grunt, Jasmine, Nuget, MS Visio
- Design Concepts: Facebook Flux, RWD, SPA, Mobile-first, REST, Component Driven Design, DDD
- Responsible for design, explore solutions, implementation, mentoring team, code review and validation

WM Tools Modernization - Merrill Lynch - Jan'15 to May'15 as Solution Architect

- A strategic reengineering effort for a group of legacy .NET and Adobe Flex based web applications
- Redesigned Custom Allocation, a critical application as N-tier application using AngularJS, Web API
- Evaluated, estimated and executed the migration from .NET 2.0 to .NET 4.5 as per migration guide
- Automated builds through TFS and WIX for build, test, MSI generation, Code Quality and CI

Trust Servicing Dashboard - Bank of America, US Trust - Jul'13 to Dec'14 as Architect

- Unified Dashboard app enables various systems to publish action items to user's desktop in real time
- ASP.NET 4.0, C#, MVC 2, WCF, JQuery, SQL Server 2008, JMS, TIBCO BW, Alert Framework
- Leveraged advanced JavaScript features of Closure for encapsulation, prototype, unobtrusive approach
- Proposed an alternate solution with SingalR for eliminating usage of complex enterprise alert framework

EDUCATION

B.E Computer Science & Eng. (2003)
Madurai Kamaraj University, India

TECHNICAL PROFICIENCIES

- .NET, C#, MVC5, WCF, Web API2, EF
- AngularJS/2, TypeScript, JavaScript
- MS VS 2015, VS Code, TFS, GIT
- MS Visio 2016, MS Office 2016
- SQL Server, Oracle, SSIS, Autosys
- MSTest/nUnit, Moq, Jasmine, Karma
- NuGet, NPM, GitHub, Grunt

EMPLOYERS

Infosys Ltd

December 2006 to December 2016

Scope International Ltd

(Standard Chartered Bank)

April 2005 to November 2006

Photon Infotech Ltd

September 2004 to April 2005

AI Corporate Solutions

June 2003 to Aug 2004

CONTACT

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