Magesh K

Experience Summary

18+ years of experience in software development and training including 13 years of application design and development experience in .NET and JavaScript centric frameworks and tools.

Skill Set

Dev Framework	: .NET (1.1/2.0/3.5/4.0/4.5), Node.js
Languages	: C#, VB.NET, Ruby, JavaScript (ES5 / ES6 / ES7), CoffeeScript
RIA	: jQuery & jQuery UI, Angular.js, Dojo, Google Closure, Backbone, ExtJs, Kendo UI, Angular.js, Durandal.js, Knockout.js, Angular 2.0, React.js & Redux
Search Solutions	: Apache Lucene, Lucene.net, Solr & Elasticsearch
Web Technologies	: ASP, ASP.NET, ASP.NET MVC, Ruby On Rails
View Engines	: ASP.NET, Razor, Spark, Jade, Underscore, Handlebar
RDBMS	: Oracle 8.0/9i, MS-SQL Server 2005/2008
NoSQL Databases	: MongoDB
Business Intelligence	: SSAS, SSIS & SSRS
Source Control	: ClearCase, SVN, Git
Unit Test Frameworks	: NUnit, mbUnit, xUnit.net, QUnit, Mocha
BDD Frameworks	: SpecFlow, Machine.Specifications, Jasmine
Mocking Frameworks	: Rhino Mocks, Moq
ORM	: NHibernate, Entity Framework
DI Frameworks	: Ninject, Unity, MEF, Require.js
PnP Guidance Frameworks	: CAB, PRISM
Cloud Computing	: Windows Azure, SQL Azure
Other Frameworks	: Microsoft Enterprise Library, ELMAH
Mobile Framework	: Windows Phone 7.0/7.5/8 (Mango), jQuery Mobile, PhoneGap, Sencha Touch
OSS Project(s)	: SubText, MvcContrib, CodeCampServer, Lucent.Net, Angular.js
OSS Contributions	: MVC Bug Tracker (http://mvcbugtracker.codeplex.com/)

Training Program Repository - https://github.com/tkmagesh?tab=repositories

Publications

Online Training Recordings

- jQuery   - https://vimeo.com/album/2554038
- Angular.js   - http://bit.ly/angular-training-videos (youtube channel)
- Advanced JavaScript - http://bit.ly/javascript-training-videos (youtube channel)
- Node.js   - http://bit.ly/node-training-videos (youtube channel)

Books

- Technical Reviewer for the following PacktPub titles
  - o Knockout.js Essentials
  - o Knockout.js By Example
  - o Node.js 6.x Blueprints (Jul 2016)
  - o

Community Activities

- Speaker at **JSChannel Conference**
  - https://www.youtube.com/watch?v=yHYuePnsS4I
- Organizer and Presenter for the "**Elasticsearch Explorers"** Meetup group
  - http://www.meetup.com/Elasticsearch-Explorers/events/219075574/
- Organizer and Presenter for the "**Node.js Explorers**" Meetup group
  - http://www.meetup.com/Node-js-Explorers/events/111159692/
  - http://www.meetup.com/Node-js-Explorers/events/118869942/
- Organizer and Presenter for the "**JavaScript Explorers**" Meetup group
  - http://www.meetup.com/JavaScript-Explorers/events/119251282/
  - http://www.meetup.com/JavaScript-Explorers/events/112806992/
  - http://www.meetup.com/JavaScript-Explorers/events/119023982/
  - http://www.meetup.com/JavaScript-Explorers/events/118869702/
- Speaker at "**Google Developer Group**" - Bangalore Chapter
  - https://plus.google.com/104550553343399000979/posts/PQfKdsC4y8v
- Speaker at **"JSChannel"** meetup group.
  - http://www.meetup.com/JSChannel-Bengaluru/events/154717972/
  - http://www.meetup.com/JSChannel-Bengaluru/events/169750762/

Training Programs & Feedback
(As of 31-Mar-2016)

1. **Angularjs** @ EMC, Bangalore
2. **Angular 2.0** @ Blackrock, Noida
3. **Angular 2.0** @ 3Pillar Global, Noida
4. **React.js & Redux** @ LearningMate, Kolkata
5. **React.js & Redux** @ Accenture, Hyderabad
6. **React.js & Redux** @ HCL, Chennai
7. **Node.js** @ Cisco, Bangalore (1 per month since 01-Apr-2014)
8. **Angular.js** @ Cisco, Bangalore (1 per month since 01-Apr-2014)
9. **Adv JavaScript** @ Cisco, Bangalore (1 per month since 01-Apr-2014)
10. **jQuery** @ Cisco, Bangalore (1 per month since 01-Apr-2014)
11. **Elasticsearch** @ Cisco, Bangalore (2 programs)
12. **React.js & Redux** @ Wipro, Chennai
13. **Node.Js** @ Barco, Noida
14. **HTML5 & CSS3** @ Adobe, Noida
15. **React.js** @ Saxo Bank, Delhi
16. **RIA using Angular.js** @ Adobe, Noida
17. **Node.js** @ Yodlee, Bangalore
18. **Advanced JavaScript** @ Cisco, Bangalore
19. **RIA using Angular.js** @ Adobe, Bangalore
20. **Angular.js** @ Genpact, US (Online)
21. **Backbone.js** @ Cisco, Bangalore
22. **Adv Js & jQuery** @ Sunlife Insurance, Gurgoan
23. **jQuery Mobile** @ Cisco, Bangalore
24. **Advanced jQuery** @ Cisco, Bangalore
25. **Angular.js** @ SpringPeople, Bangalore
26. **Advanced JavaScript** @ Fidelity International, Gurgaon
27. **Angular.js & Node.js** @ Cisco, Pune
28. **Angular.js & Node.js** @ MindTree, Pune
29. **Angular.js & Node.js** @ Cisco, Bangalore
30. **Angular.js** @ Motorola, Bangalore
31. **HTML5 & CSS3** @ Cisco, Bangalore
32. **Ember.js** @ Philips, Bangalore
33. **jQuery** @ HP, Bangalore
34. **BDD Using Mocha** @ Sapient, Bangalore
35. **Angular.js** @ Motorola, Bangalore
36. **Advanced JavaScript** @ Sapient, Noida
37. **HTML5, AdvJs & jQuery** @ Amdocs, Pune
38. **HTML5 & Backbone** @ Blackrock, Delhi

39. **Adv Js & Angular**   @ Ellucian, Bangalore
40. **HTML5**   @ Cisco Video, Bangalore
41. **Kendo UI**   @ Cisco, Bangalore
42. **Building RIA**   @ Sapient, Noida
43. **MongoDb**   @ Ellucian, Bangalore
44. **Node.js**   @ Schneider Electric, Bangalore
45. **HTML5 & Kendo UI**   @ Schneider Electric, Bangalore
46. **Node.js**   @ Yodlee, Bangalore
47. **JavaScript Patterns & Backbone.js** @ Fidelity, Gurgoan
48. **Adv.Js, HTML5 & CSS3** @ Monsanto, Bangalore
49. **Node.js**   @ SpringPeople, Bangalore
50. **Adv WCF**   @ Aon Hewitt, Gurgoan
51. **Ember.js**   @ Cisco, Bangalore
52. **Adv.Js & Kendo UI**   @ Cisco, Bangalore
53. **Angular.js**   @ Cisco, Bangalore
54. **Advanced JavaScript** @ Cisco, Bangalore
55. **Backbone.js**   @ Fidelity, Bangalore
56. **MongoDb**   @ Honeywell, Bangalore
57. **Advanced JavaScript** @ Cisco, Bangalore
58. **Backbone.js**   @ Fidelity, Bangalore
59. **Node.js**   @ QSI Healthcare, Bangalore
60. **Adv JavaScript**   @ Cisco, Bangalore
61. **.NET & WCF**   @ Philips, Pune – http://speakerrate.com/talks/19251
62. **Mobile Apps in HTML5** @ Amdocs, Pune - http://speakerrate.com/talks/19011
63. **TDD in .NET**   @ Microsoft, Hyderabad
64. **HTML5, CSS3 & jQuery** @ Honeywell, Bangalore - http://speakerrate.com/talks/18731
65. **Ext.js & Sencha Touch** @ Lexmark, Kolkata - http://speakerrate.com/talks/18661
66. **Adv. .NET Debugging** @ Thompson Reuters, Hyderabad - http://speakerrate.com/talks/18221
67. **Advanced .NET 4.0**   @ Sapient, Bangalore - http://speakerrate.com/talks/17781
68. **Design & Arch Patterns** @ Schneider, Bangalore - http://speakerrate.com/talks/16671
69. **NHibernate 3.0**   @ Fidelity, Bangalore - http://speakerrate.com/talks/15101
70. **MEF & PRISM**   @ SureWays, Bangalore - http://speakerrate.com/talks/15191
71. **Silverlight 5.0**   @ Fidelity, Bangalore - http://speakerrate.com/talks/14191
72. **HTML5, CSS3 & jQuery** @ Honeywell, Bangalore - http://speakerrate.com/talks/13471
73. **NHibernate 3.0**   @ Thompson Reuters, Hyderabad - http://speakerrate.com/talks/15101
74. **MEF & PRISM**   @ SureWays, Bangalore - http://speakerrate.com/talks/15191
75. **ASP.NET 4.0**   @ Philips, Bangalore
76. **HTML5, CSS3 & jQuery** @ Sony, Bangalore
77. **WebServices**   @ Emerson, Pune
78. **Ruby Programming**   @ Philips, Bangalore
79. **Windows Phone 7.5**   @ Fidelity, Bangalore
80. **HTML5, CSS3 & jQuery** @ Spring People, Bangalore
81. **HTML5, CSS3 & jQuery** @ Synechron, Pune - http://speakerrate.com/talks/11011
82. **Advanced JavaScript** @ Amdocs, Pune - http://speakerrate.com/talks/10991
83. **Silverlight, MEF & PRISM** @ CGI, Bagnalore - http://speakerrate.com/talks/10681
84. **ASP.NET MVC 3.0**   @ CNO, Hyderabad - http://speakerrate.com/talks/10541
85. **NHibernate 3.0**   @ Synechron, Pune - http://speakerrate.com/talks/10341
86. **Windows Azure**   @ Spring People, Bangalore
87. **Ext.js**   @ Spring People, Bangalore
88. **Windows Phone**   @ JPMorgan, Bangalore
89. **WCF**   @ Bosch, Bangalore - http://speakerrate.com/talks/10141
90. **jQuery Mobile**   @ AonHewitt, Noida - http://speakerrate.com/talks/9791
91. **HTML5, CSS3 & jQuery** @ Indiaplaza, Bangalore - http://speakerrate.com/talks/9529
92. **HTML5, CSS3 & jQuery** @ HP, Chennai - http://speakerrate.com/talks/9420
93. **ASP.NET MVC 3.0**   @ Intertec, Bangalore - http://speakerrate.com/talks/9514
94. **HTML5, CSS3 & jQuery** @ HP, Bangalore - http://speakerrate.com/talks/9376
95. **Silverlight, MEF & PRISM** @ Virtusa, Chennai - http://speakerrate.com/talks/9375
96. **RIA using Closure**   @ Fidelity, Bangalore
97. **HTML5, CSS3 & jQuery** @ Spring People, Bangalore

98. **ASP.NET MVC 3.0** @ CTS, Pune - http://speakerrate.com/talks/9367
99. **Writing Quality Code** @ L & T Infotech, Mysore - http://speakerrate.com/talks/9358
100. **HTML5, CSS3 & jQuery** @ EFI, Bangalore - http://speakerrate.com/talks/9306
101. **HTML5, CSS3 & jQuery** @ Honeywell, Bangalore - http://speakerrate.com/talks/9251
102. **ASP.NET 4.0** @ Intel, Bangalore - http://speakerrate.com/talks/9166
103. **.NET 4.0** @ Intel, Bangalore - http://speakerrate.com/talks/9163
104. **WCF 4.0** @ Robert Bosch, Bangalore - http://speakerrate.com/talks/9081
105. **SSAS 2008** @ Coextrix, Bangalore - http://speakerrate.com/talks/9107
106. **.NET 4.0** @ EFI, Bangalore - http://speakerrate.com/talks/9090
107. **SSAS 2008** @ JPMorgan, Bangalore - http://speakerrate.com/talks/9076
108. **Silverlight 4.0** @ Wipro, Kolkata - http://speakerrate.com/talks/9057
109. **ASP.NET 4.0** @ MOOG, Bangalore - http://speakerrate.com/talks/8978
110. **Ruby On Rails** @ Spring People, Bangalore
111. **Silverlight 4.0** @ Mindtree, Chennai - http://speakerrate.com/talks/8945
112. **.NET 4.0** @ Scope International, Chennai - http://speakerrate.com/talks/8946
113. **ASP.NET, WCF & SL 4.0** @ Honeywell, Bangalore – http://speakerrate.com/talks/8848
114. **C# & ASP.NET 4.0** @ Intel, Bangalore – http://speakerrate.com/talks/8820
115. **.NET 4.0** @ ITC Infotech, London – http://speakerrate.com/talks/8691
116. **.NET 4.0** @ ITC Infotech, Bangalore – http://speakerrate.com/talks/8611
117. **Silverlight, MEF&PRISM** @ Mindtree, Chennai – http://speakerrate.com/talks/8532
118. **.NET 4.0** @ Honeywell, Bangalore - http://speakerrate.com/talks/8379
119. **Writing Quality Code** @ L & T, Mysore - http://speakerrate.com/talks/8300
120. **MVC 2.0 & NHibernate** @ Mahindra Satyam, Hyderabad - http://speakerrate.com/talks/8141
121. **WPF 4.0** @ Teleca, Bangalore - http://speakerrate.com/talks/8108
122. **TDD in .NET** @ Angus, Bangalore - http://speakerrate.com/talks/8085
123. **SQL Server 2008 BI** @ Synechrone, Pune - http://speakerrate.com/talks/8067
124. **ASP.NET MVC 3.0** @ NESS, Hyderabad - http://speakerrate.com/talks/8005
125. **SSIS 2008** @ FIS, Chennai - http://speakerrate.com/talks/7969
126. **WPF 4.0** @ Fidelity, Bangalore - http://speakerrate.com/talks/7920
127. **.NET 4.0** @ Intel, Bangalore - http://speakerrate.com/talks/7909
128. **TDD in .NET** @ NESS, Hyderabad - http://speakerrate.com/talks/7893
129. **.NET 4.0** @ Logica, Chennai - http://speakerrate.com/talks/7784
130. **Silverlight 4.0** @ Wipro, Pune - http://speakerrate.com/talks/7744
131. **SQL Server 2008** @ Intel, Bangalore - http://speakerrate.com/talks/7727
132. **SSIS 2008** @ Logica, Chennai - http://speakerrate.com/talks/7656
133. **ASP.NET MVC 3.0** @ Fidelity, Bangalore - http://speakerrate.com/talks/7605
134. **jQuery** @ Intsol, Bangalore - http://speakerrate.com/talks/7458
135. **.NET 4.0** @ Sapient, Pune - http://speakerrate.com/talks/7437
136. **SQL Server 2008 Adm.** @ Synechrone, Pune - http://speakerrate.com/talks/6940
137. **jQuery** @ JPMorgan, Bangalore - http://speakerrate.com/talks/6887
138. **.NET 4.0** @ Valtech, Bangalore - http://speakerrate.com/talks/5460
139. **.NET 4.0** @ ITC Infotech, Bangalore - http://speakerrate.com/talks/5307
140. **Silverlight 4.0** @ Value Source, Chennai - http://speakerrate.com/talks/5297
141. **NHibernate** @ Synechrone, Pune - http://speakerrate.com/talks/5239
142. **WCF 3.5** @ QWEST Software, Bangalore - http://speakerrate.com/talks/5235
143. **WCF 4.0** @ SLK Software, Bangalore - http://speakerrate.com/talks/5236
144. **ASP.NET 3.5** @ Infineon, Bangalore - http://speakerrate.com/talks/5212
145. **NHibernate** @ Synechrone, Pune - http://speakerrate.com/talks/5166
146. **WCF 3.5** @ Synechrone, Pune - http://speakerrate.com/talks/4753
147. **.NET 3.5** @ Yokogawa, Bangalore - http://speakerrate.com/talks/4750
148. **jQuery** @ Intuit, Bangalore - http://speakerrate.com/talks/4668
149. **jQuery** @ Intsol, Bangalore - http://speakerrate.com/talks/4596
150. **.NET 3.5** @ JPMorgan, Bangalore - http://speakerrate.com/talks/4580
151. **.NET 4.0** @ Nous, Coimbatore - http://speakerrate.com/talks/4564
152. **JQuery** @ Nous, Bangalore - http://speakerrate.com/talks/4368

Awards
✓ Awarded the **"Best Staff of the year 1999"** – Lambent Systems

- ✓ Awarded the **"Outstanding Performance Award - 2003"** – Syntel India Ltd.
- ✓ Awarded the "**On the Spot Award - 2004**" – Fidelity Business Services India Pvt Ltd
- ✓ Awarded the "**You have earned it Award - 2005**" – Fidelity Business Services India Pvt Ltd
- ✓ Awarded the "**Values Champion Award - 2009**" – Fidelity Business Services India Pvt Ltd

Certifications
- ✓ Brainbench International Certified ASP Programmer.
- ✓ Certified Internal Auditor from BVQI
- ✓ Microsoft Certified Technology Specialist (MCTS) in ASP.NET (3.5)

Mentoring Activities
- ✓ Trained more than 500 students .NET technology (C#, ASP.NET, WCF, WPF & Silverlight)
- ✓ Conducted "Secured Application Development in .NET" training programs for 200+ associates in the course of 2 years
- ✓ Trained the team in jQuery and "Unobtrusive web page design using CSS"
- ✓ Conducted Refactoring Workshops

Currently Reading
- "*Pragmatic CoffeeScript*" by Trevor Burnham
- "*Node.js in Action*" by Mike Cantelon & TJ Holowaychuk

Professional Experience

Fidelity India Pvt Ltd, Bangalore
As **Manager - Software Engineering**   **July, 2004 – June, 2010.**

Responsibilities
Involved in the design, development and maintenance of web and client server applications in .NET and providing design and implementation guidance for applications developed in .NET. These applications were built to take advantage of some of the HTML5 features like offline application cache and web sockets.

Syntel India Ltd, Chennai
As **Senior Analyst**   **May, 2002 – June, 2004.**

Responsibilities
Involved in the Architecture Design and developing Proof Of Concepts for Client/Server and Web applications in .NET.

Lambent SoftSystems Private Limited, Chennai
As **Senior Engineer-Specialist**   **July, 1998 – Apr, 2002.**

Responsibilities
As a Team Leader, involved in designing and development of web and client-server applications. Lead responsibilities include Scope Finalization, high level design, leading a set of developers. Also involved in Staff Training and Corporate Training activities.

Projects:
Fidelity India Pvt Ltd

1. Compliance Review
JavaScript, Underscore.js, Backbone.js (ported later), jQuery, ASP.NET MVC 3.0, SQL Server 2008
- ❖ Compliance Review is a Rich Internet Application with the UI layer developed in JavaScript offering better user experience.
- ❖ An UI framework was built from the scratch which was later gradually migrated to Backbone.js
- ❖ ASP.NET MVC was used to build the REST services to serve the data.

2. eReview 2.0

C#, .NET Framework 3.5, ASP.NET MVC 3.0, NHibernate, jQuery, SQL Server 2008, SSIS, SSAS & SSRS

- ❖ eReview is a document review application that offered a centralized solution for facilitating the review process of all the marketing and non-marketing materials across the various legal and non-legal groups of the organization
- ❖ One of the requirements was an exhaustive search feature allowing the users to save the search criteria for repeated usages
- ❖ The application is a .NET web application developed in ASP.NET MVC 2.0 designed to facilitate the users with a rich interactive interface using jQuery and jQuery UI.
- ❖ SQL Server 2008 BI tools were used for generating reports and consolidate data from other sources of the business

3. Compliance Profile
C#, .NET Framework 3.5, ASP.NET, XML, Oracle 9i, Dojo Toolkit, Enterprise Library, SSIS & SSRS

- ❖ Compliance Profile is an enterprise wide, global strategic initiative that will provide a scalable, flexible solution that enables the organization to obtain, create, store and manage critical employee attributes for compliance and regulatory purposes. It includes the management of people data, their change history and the associated compliance / regulatory attributes that drive the oversight and management of day-to-day compliance activities.
- ❖ In addition, Compliance Profile allows the organization to monitor, supervise and oversee critical compliance activities, through the capture, calculation and confirmation of critical employee and entity data elements.
- ❖ The application is a .NET web application designed to facilitate the users with a rich interactive interface using the Dojo toolkit.
- ❖ SQL Server 2005 BI tools were used to aggregate data from various sources and generating reports

4. IRL STANDARD FEES
C#, .NET Framework 3.5, Oracle 9i, Enterprise Library

- ❖ Standard Feeds is developed as a aggregating system that consumes data from various sources (People, Registration and Licenses attributes) and serves the consolidated data to the downstream systems. This application is the system of records for the R&L related attributes for the entire organization.
- ❖ The application is a .NET batch process that creates feed files in XML format to be consumed by other business units.

5. Work Sampling Tool
WPF, C#, ASP.NET 3.5, WCF Services, Oracle 9i, Enterprise Library

- ❖ The application is designed to collect the work sampling data for the OES team.
- ❖ The web services are developed using Web Service Extensions (WSE) 2.0 to enable security and send and receive attachments between the client and the server.

6. EthicsFAST
C#, WPF, .NET Web Services, Oracle 9i, Enterprise Library

- ❖ EthicsFAST is designed to monitor and manage compliance related activities of Fidelity Investments. Its primary focus is to monitor the Accounts and Trade activities of the employees by consuming data from various sources and aggregating them. It also provides a single communication platform for the Ethics office to send reminder letters and track the
- ❖ employees responses.
- ❖ The web services are developed using Web Service Extensions (WSE) 2.0 to enable security and send and receive attachments between the client and the server.

7. Capital Markets Code Project
C#, ASP.NET 2.0, Oracle 9i

- ❖ The application is to integrated with the existing application developed in ASP 2.0 and COM+.

Syntel India Pvt Ltd
1. UMExpress
C#, ASP.NET, XML, SQL Server 2000
Client: Operating Engineers Local Union, California.

- ❖ The application was designed to be highly customizable enabling the client to customize the business rules. Business rules were implemented in XML format for easy customization and maintenance.
- ❖ The availability of the application is ensured by both Online and Offline database capabilities.
- ❖ The application enables the user to design a report dynamically and export into various formats including CSV, MS-Excel, XML and PDF formats.

2. HOPS
C#, XML, .NET Remoting, SQL Server 2000
Client: Hanger Orthopedic
- ❖ Designed as a Client/Server application and to be used across health care units, uses a wide range of databases which include MS-Access, MSDE 2000, MS SQL Server 2000.
- ❖ Synchronization of data between health care units and the central database implemented.
- ❖ High availability of the data ensured even when MS Access to be used as database.
- ❖ Migration strategy defined to migrate data from the existing application in Foxpro to SQL Server. Designed and developed a migration tool in .NET which is highly customizable by representing the table and column mappings in XML.

Lambent SoftSystems Pvt Ltd
1. Leave Management Workflow
XML, VB, ASP, JavaScript, COM+, Exchange 2000 and Win2k Active Directory
Client: M/S Cholayil Pharmaceuticals (Medimix)

2. Daily Sales Report Workflow
XML, VB, ASP, JavaScript, COM+, Exchange 2000 and Win2k Active Directory
Client: M/S Cholayil Pharmaceuticals (Medimix)