

Trainer Profile – Magesh Kuppam

Profile

- 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.

Skillsets

- Dev Framework : .NET (1.1/2.0/3.5/4.0/4.5), Node.js
- Languages : C#, VB.NET, Ruby, JavaScript, CoffeeScript
- RIA : jQuery & jQuery UI, Angular.js, Dojo, Google Closure, Backbone, ExtJs, Kendo UI, Angular.js, Durandal.js, Knockout.js
- 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

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
- Knockout.js Essentials

- Knockout.js By Example
- Node.js 6.x Blueprints (Jul 2016)

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

- **Angularjs** @ EMC, Bangalore
- **React.js & Redux** @ HCL, Chennai
- **Node.js** @ Cisco, Bangalore (1 per month since 01-Apr-2014)
- **Angular.js** @ Cisco, Bangalore (1 per month since 01-Apr-2014)
- **Adv JavaScript** @ Cisco, Bangalore (1 per month since 01-Apr-2014)
- **jQuery** @ Cisco, Bangalore (1 per month since 01-Apr-2014)
- **Elasticsearch** @ Cisco, Bangalore (2 programs)
- **React.js & Redux** @ Wipro, Chennai
- **Node.js** @ Barco, Noida
- **HTML5 & CSS3** @ Adobe, Noida
- **React.js** @ Saxo Bank, Delhi
- **RIA using Angular.js** @ Adobe, Noida
- **Node.js** @ Yodlee, Bangalore
- **Advanced JavaScript** @ Cisco, Bangalore
- **RIA using Angular.js** @ Adobe, Bangalore
- **Angular.js** @ Genpact, US (Online)
- **Backbone.js** @ Cisco, Bangalore
- **Adv Js & jQuery** @ Sunlife Insurance, Gurgoan
- **jQuery Mobile** @ Cisco, Bangalore
- **Advanced jQuery** @ Cisco, Bangalore
- **Angular.js** @ SpringPeople, Bangalore
- **Advanced JavaScript** @ Fidelity International, Gurgoan

- **Angular.js & Node.js** @ Cisco, Pune
- **Angular.js & Node.js** @ MindTree, Pune
- **Angular.js & Node.js** @ Cisco, Bangalore
- **Angular.js** @ Motorola, Bangalore
- **HTML5 & CSS3** @ Cisco, Bangalore
- **Ember.js** @ Philips, Bangalore
- **jQuery** @ HP, Bangalore
- **BDD Using Mocha** @ Sapient, Bangalore
- **Angular.js** @ Motorola, Bangalore
- **Advanced JavaScript** @ Sapient, Noida
- **HTML5, AdvJs & jQuery** @ Amdocs, Pune
- **HTML5 & Backbone** @ Blackrock, Delhi
- **Adv Js & Angular** @ Ellucian, Bangalore
- **HTML5** @ Cisco Video, Bangalore
- **Kendo UI** @ Cisco, Bangalore
- **Building RIA** @ Sapient, Noida
- **MongoDb** @ Ellucian, Bangalore
- **Node.js** @ Schneider Electric, Bangalore
- **HTML5 & Kendo UI** @ Schneider Electric, Bangalore
- **Node.js** @ Yodlee, Bangalore
- **JavaScript Patterns & Backbone.js** @ Fidelity, Gurgoan
- **Adv.Js, HTML5 & CSS3** @ Monsanto, Bangalore
- **Node.js** @ SpringPeople, Bangalore
- **Adv WCF** @ Aon Hewitt, Gurgoan
- **Ember.js** @ Cisco, Bangalore
- **Adv.Js & Kendo UI** @ Cisco, Bangalore
- **Angular.js** @ Cisco, Bangalore
- **Advanced JavaScript** @ Cisco, Bangalore
- **Backbone.js** @ Fidelity, Bangalore
- **MongoDb** @ Honeywell, Bangalore
- **Advanced JavaScript** @ Cisco, Bangalore
- **Backbone.js** @ Fidelity, Bangalore
- **Node.js** @ QSI Healthcare, Bangalore
- **Adv JavaScript** @ Cisco, Bangalore
- **.NET & WCF** @ Philips, Pune - <http://speakerrate.com/talks/19251>
- **Mobile Apps in HTML5** @ Amdocs, Pune - <http://speakerrate.com/talks/19011>
- **TDD in .NET** @ Microsoft, Hyderabad
- **HTML5, CSS3 & jQuery** @ Honeywell, Bangalore - <http://speakerrate.com/talks/18731>
- **Ext.js & Sencha Touch** @ Lexmark, Kolkata - <http://speakerrate.com/talks/18661>
- **Adv. .NET Debugging** @ Thompson Reuters, Hyderabad - <http://speakerrate.com/talks/18221>
- **Advanced .NET 4.0** @ Sapient, Bangalore - <http://speakerrate.com/talks/17781>
- **Design & Arch Patterns** @ Schneider, Bangalore - <http://speakerrate.com/talks/16671>
- **NHibernate 3.0** @ Fidelity, Bangalore - <http://speakerrate.com/talks/15101>
- **MEF & PRISM** @ SureWays, Bangalore - <http://speakerrate.com/talks/15191>
- **Silverlight 5.0** @ Fidelity, Bangalore - <http://speakerrate.com/talks/14191>
- **HTML5, CSS3 & jQuery** @ Honeywell, Bangalore - <http://speakerrate.com/talks/13471>
- **NHibernate 3.0** @ Thompson Reuters, Hyderabad - <http://speakerrate.com/talks/15101>
- **MEF & PRISM** @ SureWays, Bangalore - <http://speakerrate.com/talks/15191>
- **ASP.NET 4.0** @ Philips, Bangalore
- **HTML5, CSS3 & jQuery** @ Sony, Bangalore
- **WebServices** @ Emerson, Pune
- **Ruby Programming** @ Philips, Bangalore
- **Windows Phone 7.5** @ Fidelity, Bangalore
- **HTML5, CSS3 & jQuery** @ Spring People, Bangalore
- **HTML5, CSS3 & jQuery** @ Synechron, Pune - <http://speakerrate.com/talks/11011>

- **Advanced JavaScript** @ Amdocs, Pune - <http://speakerrate.com/talks/10991>
- **Silverlight, MEF & PRISM** @ CGI, Bagnalore - <http://speakerrate.com/talks/10681>
- **ASP.NET MVC 3.0** @ CNO, Hyderabad - <http://speakerrate.com/talks/10541>
- **NHibernate 3.0** @ Synechron, Pune - <http://speakerrate.com/talks/10341>
- **Windows Azure** @ Spring People, Bangalore
- **Ext.js** @ Spring People, Bangalore
- **Windows Phone** @ JPMorgan, Bangalore
- **WCF** @ Bosch, Bangalore - <http://speakerrate.com/talks/10141>
- **jQuery Mobile** @ AonHewitt, Noida - <http://speakerrate.com/talks/9791>
- **HTML5, CSS3 & jQuery** @ Indiaplaza, Bangalore - <http://speakerrate.com/talks/9529>
- **HTML5, CSS3 & jQuery** @ HP, Chennai - <http://speakerrate.com/talks/9420>
- **ASP.NET MVC 3.0** @ Intertec, Bangalore - <http://speakerrate.com/talks/9514>
- **HTML5, CSS3 & jQuery** @ HP, Bangalore - <http://speakerrate.com/talks/9376>
- **Silverlight, MEF & PRISM** @ Virtusa, Chennai - <http://speakerrate.com/talks/9375>
- **RIA using Closure** @ Fidelity, Bangalore
- **HTML5, CSS3 & jQuery** @ Spring People, Bangalore
- **ASP.NET MVC 3.0** @ CTS, Pune - <http://speakerrate.com/talks/9367>
- **Writing Quality Code** @ L & T Infotech, Mysore - <http://speakerrate.com/talks/9358>
- **HTML5, CSS3 & jQuery** @ EFI, Bangalore - <http://speakerrate.com/talks/9306>
- **HTML5, CSS3 & jQuery** @ Honeywell, Bangalore - <http://speakerrate.com/talks/9251>
- **ASP.NET 4.0** @ Intel, Bangalore - <http://speakerrate.com/talks/9166>
- **.NET 4.0** @ Intel, Bangalore - <http://speakerrate.com/talks/9163>
- **WCF 4.0** @ Robert Bosch, Bangalore - <http://speakerrate.com/talks/9081>
- **SSAS 2008** @ Coextrix, Bangalore - <http://speakerrate.com/talks/9107>
- **.NET 4.0** @ EFI, Bangalore - <http://speakerrate.com/talks/9090>
- **SSAS 2008** @ JPMorgan, Bangalore - <http://speakerrate.com/talks/9076>
- **Silverlight 4.0** @ Wipro, Kolkata - <http://speakerrate.com/talks/9057>
- **ASP.NET 4.0** @ MOOG, Bangalore - <http://speakerrate.com/talks/8978>
- **Ruby On Rails** @ Spring People, Bangalore
- **Silverlight 4.0** @ Mindtree, Chennai - <http://speakerrate.com/talks/8945>
- **.NET 4.0** @ Scope International, Chennai - <http://speakerrate.com/talks/8946>
- **ASP.NET, WCF & SL 4.0** @ Honeywell, Bangalore - <http://speakerrate.com/talks/8848>
- **C# & ASP.NET 4.0** @ Intel, Bangalore - <http://speakerrate.com/talks/8820>
- **.NET 4.0** @ ITC Infotech, London - <http://speakerrate.com/talks/8691>
- **.NET 4.0** @ ITC Infotech, Bangalore - <http://speakerrate.com/talks/8611>
- **Silverlight, MEF&PRISM** @ Mindtree, Chennai - <http://speakerrate.com/talks/8532>
- **.NET 4.0** @ Honeywell, Bangalore - <http://speakerrate.com/talks/8379>
- **Writing Quality Code** @ L & T, Mysore - <http://speakerrate.com/talks/8300>
- **MVC 2.0 & NHibernate** @ Mahindra Satyam, Hyderabad - <http://speakerrate.com/talks/8141>
- **WPF 4.0** @ Teleca, Bangalore - <http://speakerrate.com/talks/8108>
- **TDD in .NET** @ Angus, Bangalore - <http://speakerrate.com/talks/8085>
- **SQL Server 2008 BI** @ Synechrone, Pune - <http://speakerrate.com/talks/8067>
- **ASP.NET MVC 3.0** @ NESS, Hyderabad - <http://speakerrate.com/talks/8005>
- **SSIS 2008** @ FIS, Chennai - <http://speakerrate.com/talks/7969>
- **WPF 4.0** @ Fidelity, Bangalore - <http://speakerrate.com/talks/7920>
- **.NET 4.0** @ Intel, Bangalore - <http://speakerrate.com/talks/7909>
- **TDD in .NET** @ NESS, Hyderabad - <http://speakerrate.com/talks/7893>
- **.NET 4.0** @ Logica, Chennai - <http://speakerrate.com/talks/7784>
- **Silverlight 4.0** @ Wipro, Pune - <http://speakerrate.com/talks/7744>
- **SQL Server 2008** @ Intel, Bangalore - <http://speakerrate.com/talks/7727>
- **SSIS 2008** @ Logica, Chennai - <http://speakerrate.com/talks/7656>
- **ASP.NET MVC 3.0** @ Fidelity, Bangalore - <http://speakerrate.com/talks/7605>
- **jQuery** @ Intsol, Bangalore - <http://speakerrate.com/talks/7458>
- **.NET 4.0** @ Sapient, Pune - <http://speakerrate.com/talks/7437>

- **SQL Server 2008 Adm.**@ Synechrone, Pune - <http://speakerrate.com/talks/6940>
- **jQuery** @ JPMorgan, Bangalore - <http://speakerrate.com/talks/6887>
- **.NET 4.0** @ Valtech, Bangalore - <http://speakerrate.com/talks/5460>
- **.NET 4.0** @ ITC Infotech, Bangalore - <http://speakerrate.com/talks/5307>
- **Silverlight 4.0** @ Value Source, Chennai - <http://speakerrate.com/talks/5297>
- **NHibernate** @ Synechrone, Pune - <http://speakerrate.com/talks/5239>
- **WCF 3.5** @ QWEST Software, Bangalore - <http://speakerrate.com/talks/5235>
- **WCF 4.0** @ SLK Software, Bangalore - <http://speakerrate.com/talks/5236>
- **ASP.NET 3.5** @ Infineon, Bangalore - <http://speakerrate.com/talks/5212>
- **NHibernate** @ Synechrone, Pune - <http://speakerrate.com/talks/5166>
- **WCF 3.5** @ Synechrone, Pune - <http://speakerrate.com/talks/4753>
- **.NET 3.5** @ Yokogawa, Bangalore - <http://speakerrate.com/talks/4750>
- **jQuery** @ Intuit, Bangalore - <http://speakerrate.com/talks/4668>
- **jQuery** @ Intsol, Bangalore - <http://speakerrate.com/talks/4596>
- **.NET 3.5** @ JPMorgan, Bangalore - <http://speakerrate.com/talks/4580>
- **.NET 4.0** @ Nous, Coimbatore - <http://speakerrate.com/talks/4564>
- **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)
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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

Work Summary

- **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 employee's 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 integrate 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