



Summary

About me

I am a seasoned Agile software development professional with over **27 years of software development experience**, with 13+ years in architecture/development/team roles from 1992 - 2005, and with **14+ years of experience in Agile** on roles like **Group Manager, Scrum Master, Agile Coach, Agile Evangelist, Solution Architect, Agile Consultant Architect** and **Integration Lead since 2005**.

My contributions to the Agile community have been in the form of a **Chief Organizer of the Agile Tour 2010** in New Delhi NCR region on behalf of the Agile Software Community of India plus in fostering the Agile spirit by introducing Agile chapters in Noida, Gurgaon (the Delhi NCR region).

As an Agile practitioner, I have an educational video published in Safari Books Online - O'Reilly Media titled "**Agile Test-Driven Design**". **Reference link provided**.

As an open source developer, I have contributed on NUnit Open Source project on a major fix for "Platform 2.0 detection" - using TDD and remote pair-programming. **Reference link provided**.

I have been in leadership role(s), **mentoring, executing delivery** processes or creating processes since 2009 for various team structures, ranging from **co-located to virtual to remote**, in mostly Agile projects.

- I am a **Certified Safe 4 Agilist**, a **Certified Scrum Master** and an experienced Agile Coach/Scrum Master and have worked with high performing, cross-functional, self-organizing Agile teams
- I have expert knowledge of **Scrum**, Kanban, **XP** and working knowledge of other frameworks like **SAFe, Scrum @ Scale, LeSS**
- I am as comfortable acting as Scrum Master within a team as I am coaching Agile values to business and Executive stakeholders
- I am very strong in Agile practices such as **TDD, BDD, CI/CD/DevOps/BizOps**
- I am active in the Agile community
- I have an insatiable appetite for continuous improvement and solving problems and I constantly innovate with new paradigms, software development techniques, practices or frameworks. My latest effort has been to automate the BDD framework to wire up business stakeholders of a product team to synchronize with the development process to achieve greater agility.



Accomplishments

Latest – Links available on my website

Architecture based solutions (proprietary innovations)

1. Automation of the BDD framework

Technology stack:

Architecture: FaaS

Cloud: AWS – Lambda functions, S3 buckets, Serverless, Layers, SES

Language: Typescript, Gherkin

Testing tools: Jest, Jest-Cucumber

Framework: NodeJS, Serverless

CI/CD/DevOps: Jenkins, Git, AWS CodeCommit, AWS CodeDeploy, EC2

- DevOps with Jira integration

2. Serverless REST API

1. on the Google Cloud Platform

Technology stack:

Architecture: Function as a Service (FaaS), Serverless, Microservices

Cloud: Google Cloud Function, Firebase functions

Language: NodeJS, Typescript, Es6, JavaScript

Others: JSON, Bluebird, Kaggle dataset, Jupyter (Javascript) notebooks, Anaconda, Postman

NoSQL: MongoDB

2. on the AWS Cloud

Technology stack:

Architecture: Serverless

Cloud: API Gateway, Lambda functions, Serverless, CloudWatch, EC2, Layers

Language: NodeJS, Typescript, Es6, JavaScript

Others: JSON, Bluebird, Kaggle dataset, Jupyter (Javascript) notebooks, Anaconda, Postman

NoSQL: MongoDB

Agile

1. Chief organizer of Agile Tour 2010 on behalf of ASCI
Speaker in Agile conferences in India - <http://goo.gl/fqh7mA>
2. Educational video on Agile Test-Driven Design - O'Reilly – Safari Books Online
https://www.safaribooksonline.com/library/view/agile-test-driven/9781634622783/9781634622783_1.html



Software Development

- **Open Source Developer – Nunit**
<https://code.launchpad.net/~jv-ravichandran/nunitv2/dotnetdetect42>
- **Microsoft Office Developer**
Office Store URL: <http://tinyurl.com/nn39yk7>
- **Google Play Developer**
Play Store URL:
Easy Sudoku: <https://play.google.com/store/apps/details?id=jv.easysudoku&hl=en>
ReArrange: <https://play.google.com/store/apps/details?id=jv.rearrange&hl=en>
- **Npm package at npm – es6 / javascript**
<https://www.npmjs.com/package/removeduplicatesfromarrayoffarrays>
<https://www.npmjs.com/package/deduplicatearrayofstrings>

Agile Evangelism - (2006 - 2012)

- Helped ASCI in initiating an ASCI Noida chapter
- Helped ASCI to organize the Agile Tour 2010 conference in Noida, Delhi NCR
- Board member of ASCI as Communication Secretary
- Speaker at various ASCI conferences since 2006
- Guest Speaker at NCACT, 2011, Amity University, Noida. <http://www.youtube.com/watch?v=2qTRSnY04Gs>
- Presented on Game Testing for VodQA at Thoughtworks, Gurgaon, 2012.
<http://testing.thoughtworks.com/events/the-testing-spirit?contactID=166325281&gwkey=SHDWI42QAU>

Skills

Specialized

- **Management & Process: Agile** (Scrum, XP, Kanban, Lean), CMMi 3, ISO/ISMS
- **Agile Software development practices: BDD, TDD**
- **Frameworks:** Node.js, .Net technologies, **REST api**, Web Services, Cocoa
- **Architecture:** Serverless, **FaaS**, MVVM, MVC,
- **Tools:** Visual Studio (TFS, VSTS), Eclipse, mocha/chai, NUnit, Jest, Jest-Cucumber, Mocha, Jasmine, fitnessse, DbFit, slim, slimjs
Agile PM: Jira, Mingle, Asana, Azure DevOps
- **Languages:** C#, Javascript, Typescript, es6/7
- **Databases:** MongoDB/Atlas, SQL Server
- **CI/CD:** AWS DevOps, Azure DevOps, Jenkins, Travis, Git
- **Cloud:** Cloud functions, Lambda functions, AWS API Gateway, AWS S3 Buckets, AWS IAM, AWS EC2

Working knowledge



- Cloud – Azure, AWS, Google Cloud Platform
- SDKs – Facebook, Twitter, Google APIs

Certifications

- **Certified Safe 4.6 Agilist** (2019 -) Verify link: https://www.youracclaim.com/badges/59e5f696-fede-47c4-8152-92a56c6044ba/public_url
- **Certified Scrum Master** (2010 -) Verify link: <https://certification.scrumalliance.org/accounts/100424-ravichandran-j-v/certifications/104930-csm>
- Certified internal auditor – ISO, ISMS, CMMi 3 (2009-)
- Microsoft Certified Professional (2004 -)

Agile relevant experience

- Agile Coach experience – 11+ years
- Scrum Master experience – **5+ years**
- Experience being on multiple Scrum teams in different contexts (different team sizes, different organizations, different cultures, co-located vs. distributed, etc) working at Enterprise level – **8+ years**
- Knowledge of other approaches discussed in the Agile space: XP, Kanban – **3+ years**
- Knowledge and/or experience with widely successful Agile techniques: User Stories, ATDD, TDD, BDD, Continuous Delivery, Continuous Integration, Continuous Testing, Pairing, Automated Testing, Agile Games – **6+ years**
- Architect experience – **3 years**

Key roles

- Technology Specialist/Solution Architect
- Agile Transformation Coach
- Process Analyst
- Internal Auditor
- Agile Architect



Current Occupation

- Agile Consultant Software Solutions Architect at Upwork since 2016

Career Details

Experience

- Director - Business Development (South Asia), International Press Syndicate (Honorary), 2015-16
- Worked with Fabcode technologies pvt ltd, as Chief Technology Officer, January - March, 2016.
- Worked on Azure/AWS, ASP.Net, C#/VB.Net, JavaScript, jQuery projects on oDesk since 2013 till 2015.
- Agile Software consultant, Upwork (formerly oDesk), October - December, 2015
- Worked with Stixis Technologies Pvt Ltd, Bangalore, as a Solutions Architect, April - September, 2015
- Consultant to World Bank initiated ICT Workshop, Ministry of Education, Bihar, 2012.
- Worked with JK Technosoft Ltd., Noida, as Group Manager – Microsoft Technologies and Agile Mentor between March, 2007 to September, 2011.
- Worked as Technical Trainer for Quark Media House India Pvt Ltd from June 2005 to February. 2007.
- Offered consultancy on the One Laptop Per Child Laptop (OLPC) for a World Bank initiative on ICT Devices on behalf of OLPCi for the State Education of Bihar – 2012 - 2013.

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