

Balaji Mani

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Overview

- 8 years exp. in **Software application development**.
- Extensive experience and advanced troubleshooting skills in .NET (C#, ASP, WPF, WCF, MVC, Web API).
- Experienced in complete Application development life cycle, using waterfall, agile, V-Model.
- Scrum Master for 3 projects that adopted Agile methodology.
- Demonstrated innovation abilities by developing tools that is useful for both self and others to improve individual and team's efficiency.
- Demonstrated people developer skills by authoring internal wikis on process, technical knowledge so as to help for a steeper knowledge curve for others.
- Have practical experience of translating business process and strategies into system requirements and also versed at identifying critical areas/ process gaps.

IT Technical Skills

Methodologies	- Agile, Waterfall, V-Model
Technologies	- ASP.NET, WPF, WCF, MVC, Web API, XML
Languages	- C#, Java
Front-end	- HTML, Bootstrap, CSS, jQuery, AngularJS, JSON
Data warehousing	- IBM Datastage, Abinitio
Database	- MSSQL, Oracle, IBM DB2
IDE	- Visual Studio 2010, Abinitio, DataStage, Eclipse
Source Control	- VSS, SVN, Team Foundation Server.
Mobile Technologies	- Android

Education

- **Graduate Diploma in Systems Analysis** at Institute of Systems Science, National University of Singapore, Singapore (Aug 2007 - Jul 2008)
- **Bachelors of Engineering** (Electrical & Electronics, with Distinction) Aug 1999 – Apr 2003, from Madurai Kamaraj University, INDIA

Certifications & Awards

- Certified Scrum master from Scrum alliances Inc.
- Microsoft Certified Technology Specialist – Web applications 4.0 (MCTS 70-515)

Work Experience

1. Software Engineering Senior Analyst at *Accenture Pte. Ltd.*, Singapore from *Jan 2011 – Feb 2016*.

Key achievements

- Designed, developed and implemented a financial sub-system which enables the tax officers, with multiple approval levels to perform e-Adjustment (Financial transfers/ adjustment/ offsetting)
- Active interaction with Key User representatives for requirements gathering, clarification and validations (for 2 projects and many change requests).
- Fast learner and a solution provider. Have been chosen to assist other project

- within Accenture for developing a solution for a critical data validation and conversion activity, using .NET and SQL Server.
- Active participation in Code review for peers/ team members and provide recommendations/ best practices for cleaner/ efficient/ readable/ reusable codes.
- Innovation Award Nominee for developing a tool that automates and reduces manual effort.
- Delivered 368-Man days of Change requests, without any defects post implementation to production and with 95% of them within the expected timeline.

Key responsibilities

- **Projects** delivered for **Inland Revenue Authority of Singapore**
 - o **e-Adjustment**, financial subsystem, using *ASP.NET, C#, MVC, DB2, TFS, NUnit*
 - o **Data sharing across govt. agencies**; ETL (Extract, Transform, and Load) modules using *IBM Datastage, DB2, SQL Server*
 - o **Cash Grant sub-system**, using *ASP.NET, C#, MVC, DB2, TFS, NUnit*
- **Change management** for **Inland Revenue Authority of Singapore**
 - o Delivered 368-Man days of Change requests, without any defects post implementation to production.
 - o Responsible for Analysis, Design, present design for CCB review, develop and deploy.
 - o Technologies used were *ASP.NET, C#, MVC, DB2, TFS, IBM Datastage, NUnit, Adobe Designer*
- **Agile methodology implementation** for **Inland Revenue Authority of Singapore**
 - o Volunteered to study existing software development practice and proposed the implementation of Agile software development methodology.
- **Self-initiated projects**
 - o Developed an application that will reduce 80% of the efforts spent in preparation, validation, review of a JCL from single to bulk generation for a variety of adhoc data backup/ recovery/ correction activities.
 - o Develop an application that can automate to trigger batch executions, verify entry and exit criteria so as to reduce 95% of manual effort of developers supporting UAT/ ORT activities.
 - o Technologies used were *WPF, C#, SVN*
- **Lead Roles** (*on Maintenance Projects*)
 - o Team Leader for application team on DB2 Upgrade project, with a team of 5 developers involving impact analysis, identification of modules/ sub-systems affected by the upgrade.
 - o Team Leader for framework upgrade (for 1 of 7 modules), with a team of 6 developers.
- Delivered an interactive Student information web portal for **Ministry of Education, Singapore**
 - o Technologies used were *HTML, CSS, Javascript, jQuery*

2. IT Engineer at Advanced Micro Devices (AMD), Singapore from *Sept 2008- Jan 2011*.

Key achievements

- Designed, developed and implemented a manufacturing support system; **Capacity planning system**, a web application which is used for both Short and long range Capacity planning for production.
- Scrum master for 2 projects which adopted agile methodology.
- Active participation in Code review for peers/ team members and provide recommendations/ best practices for cleaner/ efficient/ readable/ reusable codes.

Key responsibilities

- **Projects** delivered for Advanced Micro Devices (AMD)
 - o **Capacity Analyzer System** – Web application for capacity planning using ASP.NET 3.5, MSSQL 2008, MS Server 2003, SVN, CruiseControl.net
 - o **Factory Planning System** – Web application for planning/ monitoring on manufacturing using ASP.NET 3.5, MSSQL 2008, MS Server 2003, SVN, CruiseControl.net, Abinitio.
 - o **Shop Floor KPI system** - Rich Internet Application (RIA) to monitor Shop Floor KPI like First Time Right, Hour by Shift, Operational Equipment Efficiency, etc using Flex UI, Action script 3.0, ETL (Abinitio), J2EE, Webservices, SOAP, Jboss Application server 4.0, Oracle
- **Lead Roles (Scrum Master)**
 - o Scrum master/ Technical lead for Capacity Analyzer and Factory Planning system for a team of 5 members.
 - o Mentoring team and performing Sprint planning, execution, retrospective in alignment with the project objective periodically.

3. Systems Analyst Intern at EDS, Singapore from *Feb 2008 – June 2008*

Key achievements

- Facilitated workshop on requirements gathering for Asset management system for 3 major clients of EDS
- Analysis, Design and developed the prototype for Asset management system

Personal Vitae

Date of Birth	:	16th July 1981
Languages known	:	English, Hindi & Tamil
Marital Status	:	Married
Visa Status	:	Australian PR
Hobbies/ Interests	:	Photography, Sketching