Thiruppathi Muthukumar

Web Developer | London

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 * Theme: About Me
 * Author: Thiru
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Personal Profile

10+ years of IT experience in Requirement Gathering, Application Development & Maintenance, Testing and Documentation of business applications and products on J2EE platform. Good Experience in designing for the web, and specialize in the areas of UI Design & Development, Interaction Design, Visual Design and Prototyping. Proficient in developing high fidelity prototypes with cross browser compatibility using HTML5 CSS3 & JavaScript.

My objective is to work in projects, where I'm encouraged to **challenge** the status quo to find newer, better ways of doing things; where I can work alongside **designers**, **developers**, **engineers**, and **product people** to provide the best possible experience for the customers; where I can attack challenging problems using web-based technologies. I'm excited by real-time communication between the server and a wide range of client devices. [Read More…](#)

Key strengths

Application Design & Development(Java/J2EE & MEAN Stack), UI Design & Development(HTML5, CSS3, Javascript, Web Components, GWT), Interaction Design, Visual Design(Photoshop) & Prototyping, RIA, Responsive Web Design, Functional Programming, Reactive Programming, Object Oriented Programming, Standards-complaint web development, Motion Graphics(Flash & Adobe After Effects), Unit Testing, Empathetic Design, Gamification, Accessibility Standards, Team leadership and coaching, Healthcare, Insurance & Re-Insurance, Criminal History Record System, Bio-Metrics & UID, Telecom

Skills Matrix

HTML5, CSS3, Javascript, Java, JSP, JSTL, Web Components, Polymer 1.0, Angular JS, React JS, Flux, GWT, ZK, jQuery, RxJS, node-js, express-js, johnny-five.js, Raphaël JS, d3.js, SASS/LESS, Bootstrap, Adaptive UI, bower, npm, yeoman, gulp, grunt, babel, ES6, Firebase, MongoDB, CouchDB, EsLint, StyleLint, MochaJS, PouchDB, IBM Cloudant, Log4j, SL4J,Hudson Continuous Integration, REST, JMS, Active MQ, Action Script 2.0, Hibernate, JPA, Angular-fire, <firebase-element>, Ant, Maven, Powershell, JUnit, Selenium, Web Component Tester, Flash, After Effects, Photoshop, Gimp, Confluence – Wiki Markup, Markdown, JIRA, Github, BitBucket, GitLab SVN, VSS, Star Team, Spring MVC, nginx, tomcat, heroku, MEAN Stack, Application Design & Development, UI Design & Development, Interaction Design, Visual Design(Photoshop) & Prototyping, Responsive Web Design, Functional Programming, Reactive Programming, Object Oriented Programming, Standards-compliant web development, Integration using SOA(Mule ESB), Motion Graphics(Flash & Adobe After Effects), Unit Testing, Empathetic Design, Gamification, Accessibility Standards, Web Components, Team leadership and coaching, VS Code, Atom, Sublime Text, Eclipse IDE, Intellij, Mule Studio;

Highlighted Projects & Roles

Web Developer – Everything Everywhere (EE)   **Oct 2014 - Present**

EE My Account is a web application for EE Customers which helps the customer to keep track of data, manage payments, view bills & recent usage, Manage add-ons, pay bills, Set up Direct Debit and more.

Environment: HTML5, CSS3, JQuery, J2EE, JSP, JSTL, Adobe AEM

- Developed modular, responsive UI Components using JSP, JSTL, CSS3, jQuery, Media Queires, Raphaël JS for various flows of the application.
- Integrated JSP pages with the AEM & Backend.
- Played a major role in Direct Top up Optimisation project for integrating the PAYG top up flow with VESTA API.
- Created Post-Code Lookup module using JSTL for Payment Flow.
- Implemented Controller logic for postcode lookup using AJAX.
- Created UI Components using JSTL for Debit/Credit Cards flow & Manage Recurring Top up Flow.
- Developed proof of concepts using Polymer, ReactJS to upgrade the current system.
- Development of new and existing internal and user facing applications in Agile environment.
- Maintaining and continuously improving the client code base so that it is well architected and optimised.
- Working with Marketing, UX and Product teams to help with user improvements and testing across applications.

UI Developer – Unisys   **May 2014 – Sep 2014**

Unisys LEIDA (Library of Electronic ID Artifacts) framework creates software building blocks that greatly reduce the time needed to develop and implement identity and credentialing solutions.

Environment: HTML5, CSS3, JQuery, ZK, Java, Balsamiq

- Contributed to Visual Design & Prototype for the LEIDA 3.0.
- Developed Pages using ZK, HTML 5, CSS 3 & JQuery
- Created new Icons; Integrated prototypes with the front-end framework ZK.
- Fixed FOUC bugs on ZUL pages & Improved page performance by optimising the code.

UI Developer – Unisys   **Apr 2014 – May 2014**

Computerized Criminal History Record Information (CCHRI) system is utilized for official Minnesota State Police business.

Environment: HTML5, CSS3, JQuery

- Created Visual Design & Prototype for CCHRI system. Developed Pages using HTML 5, CSS 3 & JQuery

GWT/Java Developer - Tokio Marine Kiln   **May 2012 – Mar 2014**

CBS is a Large, sophisticated underwriting platform, for Kiln's European and Asian offices; provides bespoke applications for policy and claims administration, and integrates with the Sun (Infor 10) financial ledger package; it also includes a master data management solution. A combination of web services and JMS messaging is used for integration, all based around the Mule enterprise service bus.

Environment: GWT, Activities and Places, Spring, Hibernate, JPA, JMS, Web Services, Mule ESB, HTML, CSS, Selenium, Hudson, ANT

- Created prototype & Visual Design for the entire CBS suite of products.
- Developed customised UI widgets using GWT; which were reused across all CBS applications.
- Developed the User Admin module to control the access privileges for various types of users.
- Played a major role in developing integration solution between the apps.
- Responsible for Continuous Integration; took care of the configuration of Hudson.
- Responsible for deployment of the application suite into Test and UAT environments.
- Developed common test framework for Selenium Unit testing.
- Automated ActiveMQ Browser installation using PowerShell

Java Developer - Tokio Marine Kiln   **Dec 2010 – Apr 2012**

BINDERS a system for managing Binding Authorities and Cover holders, for Kiln. Forecasting is an underwriting platform, for Kiln.

Environment: Java J2EE, Spring MVC, Hibernate, JSP, JSTL, HTML, CSS, JavaScript, Subversion, Portlets, SQL Server, JBoss, Selenium, Hudson, ANT

- Contributed major part in IE6 to IE8 Migration.
- Created Custom JSTL tags to achieve reusability.
- Automated UI Unit testing through Selenium

Java Developer - McKesson Provider Technologies   **Aug 2007 – Nov 2010**

Healthcare Messaging System is an application/system within the HzERM initiative, the core feature of which is to enable messaging between HzERM applications and systems external to HzERM. More Information on request.

Environment: Java, J2EE, Spring, Hibernate, ANT, XML, JMS, Active-MQ, JBOSS

Professional Qualifications & Education

- B.Tech – Information Technology | April 2007 | Anna University, India
- 10Gen Certified MongoDB Developer for Java | April 2013
- 10Gen Certified MongoDB Developer for NodeJS | December 2015
- Certificate of Proficiency in 2D Animation & Design | June 2003

Recommendations & References

A full list of recommendations can be found on my LinkedIn profile.

Groups & Accomplishments

Active member in LeedsJS. Each month, the attendees are encouraged to build something around the technology outlined in the guest speaker's talk. At the following month's meetup, people show off what they have built, with the winner getting a bag of swag sponsored by Google. Won 4 times continuously on these Dev Challenges on the topics Web Components, RxJS, Offline first Web App using PouchDB. Now one of the organizers of LeedsJS.