Murali Lakshmanan
(SAPUI5 / Fiori consultant)

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Summary

8+ years of total experience in Fiori, UI development, Full stack development and Quality Assurance.

- Expertise in **SAP UI5/Fiori architecture**, **design and development**.
- Expert knowledge on **SAP UI5 / Open UI5 framework**. Sound knowledge in implementing **Fiori RDX Guidelines and solutions** to achieve best UX experience.
- Expertise in **Developing, Consuming & Integrating oData services with SAP UI5 / Fiori applications.** Have successfully **designed and implemented Promises for oData CURD operations** in order to address the Call back doom (nested call back) issue.
- Expertise in integrating **SAP UI5 application with Front End NetWeaver Gateway** system and **Backend ERP Systems**.
- Expert knowledge in **identifying performance bottleneck, implementing optimizations** and **establishing industry best practices.**
- Excellent proficiency in **JavaScript, HTML, CSS technologies**. Sound Knowledge on **ES6 & HTML5 features**
- Experienced in implementing **end-to-end solution** at customers' location
- Highly skilled in communicating with customers, end-users, SAP partners in discussing customer challenges, requirements and providing the solution with best UX and Quality.
- Experienced in **developing hybrid mobile** apps using PhoneGap / Cordava.
- Have designed and architected **offline SAP UI5 applications** by **implementing Service Worker API**.
- Expertise **in integrating 3rd party libraries** (like Highcharts, Moment.js) with SAP UI5 applications.
- Expert knowledge on developing **custom controls** and implementation. Custom UI5 themes design and implementation.
- Have successfully **architected Variant Configuration management solutions** in Aeon Packaging and Labeling solutions project.
- Experienced in Fiori launch pad deployment procedures. Excellent proficiency in working with Web IDE, Eclipse and WebStrom.
- Experienced in developing end-to-end UI5 applications using MYSQL, OLingo framework & UI5 applications in Sales Order Integration with Finance and Payment terms.
- Excellent proficiency in **integrating UI5 application with NodeJS** and implementing **MVC design patterns.**
- Excellent proficiency in working with Angular JS 1, Node JS, Bootstrap, Jquery, Highcharts, Grunt and in developing **SPA application.**
- Sound knowledge on implementing Web APIs like Service worker, Web Worker, High Resolution Time, User Timing, Network Information, WebSocket APIs
- Experienced in end-to-end quality assurance and testing. Have involved in various kinds of testing including functional, security and performance testing.

Employment History

Current Employment
➢ Have been working as internal tool developer and Load and Performance engineer in PayPal India Pvt Ltd - Bangalore (since May 2014)

Previous Employments
➢ Worked as Test Engineer -Projects in CSC - PayPal, Chennai for 3.2 years (from Mar 2011 to till May 2014).
➢ Worked as Programmer Analyst -Projects in Cognizant Technology Solutions, Chennai for 3.3 years (from Dec 2007 to Mar 2011).

Education / Certifications

➢ Graduate in Chemistry from Pondicherry University.
➢ Developing **Web Apps with SAPUI5** from Open SAP
➢ Build Your **Own SAP Fiori App in the Cloud** – 2016 Edition from Open SAP
➢ **ES6 JavaScript** from Udemy
➢ **Website Performance Optimization** from Udacity
➢ **JavaScript Design Patterns** from Udacity
➢ **Algorithms and Data Structure** from Coursera

Project Details

Bhavyasoft.
- Organization   : Freelancing
- Duration   : April 2017 – Till Date (1.5 months)
- Technologies Used   : Open UI5, oData, MySQL, OLingo Framework, HTML5, CSS3
- Description   : Bhavyasoft is a Jeweller in India who is trying to establish an enterprise application for their business needs. Customer is focused on extending their business and was looking out for enterprise solutions.

Roles & Responsibilities
- **Open UI5 consultant and developer** responsible for design and implementation of end-to-end UI5 application
- Collaborate with customers, designed and developed an end-to-end solution.
- **Created oData services** with JAVA by implementing **OLingo framework**.
- Deploy the app in FLP and customize the standard themes to match the brand theming.

Aeon Products.
- Organization   : Freelancing
- Duration   : Feb 2017 – April 2017
- Technologies Used   : Open UI5, oData, MySQL, OLingo Framework, HTML5, CSS3
- Description   : Aeon products is a fine offset printer and in-house manufacturer of cartons, bags, brochures and other various paper products. It is a combined resources of printing and packaging solutions. It has a employee work force of 100 members including technical and commercial staff. Organization has been in market since 2004 and its plants has been accredited with ISO 9001:2008

Roles & Responsibilities
- **Open UI5 consultant and developer** responsible for design and implementation of end-to-end UI5 application

- Collaborate with customers, designed and developed an end-to-end solution.
- Designed a **variant configuration management solution** that simplifies the business challenges.
- Deploy the app in FLP and customize the standard themes to match the brand theming.

PayPal – LnP Team.
- Organization : PayPal India Pvt Ltd, Bangalore
- Duration : Dec 2015 – Till Date (1.6 years)
- Position Held : Software Engineer 3 & MTS1
- Technologies Used : Open UI5, Node JS, BootStrap, Mongo DB, HTML5, CSS3
- Description : Load and Performance Team (LnP) in PayPal is the team that handles all the LnP requirements of PayPal projects. This team is responsible to certify PayPal products w.r.t load and performance numbers before the project hits live. They are also responsible to monitor live environments for any performance deviations

Roles & Responsibilities
- **Front end developer** responsible for developing an application that caters the LnP needs of a developer as a service.
- Architected and implemented the UI front **using Open UI5 and Node JS.**
- **Migrated Vanilla JS project to Open UI5 and it was well received and appreciated by the management teams.**
- **Designed and integrated 3rd party libraries like Highcharts, moment.js with UI5 application**.
- Implementing a hybrid app using Phonegap.
- Designed and implemented Service Worker API to achieve Offline app capabilities.
- Integrated **Rest APIs with UI5 application**.
- Designed and implemented live chart capabilities in UI5 application with the help node sockets.
- Customizing the Open UI5 themes so it matches the PayPal branding themes.
- Responsible for implementing MVC design patterns in UI

PayPal – Metrics Team.
- Organization : PayPal India Pvt Ltd, Bangalore
- Duration : May 2014 – Dec 2015
- Position Held : Software Engineer 3
- Technologies Used : Core Java, Angular JS, HTML5, CSS3, Node JS
- Description : Metrics team is an internal team that handles all the metrics and analytics that are majorly tracked at org level. This team is responsible for reporting data that helps stakeholders understands the quality of the product, health of PayPal application in live w.r.t to our quality goals. The data that we are reporting plays a key role in defining the quality goals of PayPal every year.

Roles & Responsibilities
- **Full stack developer responsible for developing an application that addresses** metrics requirements from PayPal top management and leaders
- Design a solution so it solves their quality (defect) data needs and present actionable metrics that gives an understanding of the current status.
- Build Rest APIs that fetches defects details from JIRA and present the data based on the user needs (Current open bugs in Live, Defects that are our of SLA, Security related defects and so on)
- Build an UI that gives data at high level (Graphs) and more granular level (Tables) so user gets the best of both worlds.
- Maintain the quality of the portal by keeping the defect count at the defined range.
- Implement CI so people can focus more on coding than other steps in keeping up the project.
- Write Test suites for all new changes that covers unit, integration and functional areas

- Validate the accuracy of the data that we collect from various sources to build the reports.
- Measure code coverage and maintain the coverage above the defined level.

PayPal – Application Security.
- Organization   : Computer Services Corporation Ltd, Chennai
- Client   : PayPal – IDC Chennai
- Duration   : April 2011 – May 2014
- Position Held   : Full Stack Developer & Security Tester
- Description   : **PayPal - AppSec Team**: AppSec team deals with security related projects in PayPal and we have been mainly focused on improving the security of PayPal. We build and deliver security frameworks for PayPal. We also deal with live security issues as and when something (if any) pops up.
  Besides our usual project deliverables, we also deal with different cross vertical teams every day, creating security awareness and help them bring in security into the product at the earliest.

  Roles & Responsibilities
  - **Full stack developer** responsible for building dashboard that captures all the live security defects which will collate and populate the all security issues and statuses in one place.
  - **Security Tester** responsible for validating all live security issues (Bug Bounty issues) and assign to the respective teams, follow up with the dev team, suggest the fix and validate the code change.
  - Automated and Introduced organizational level Test suite (**Security Acceptance Test - SAT**) that runs against every PayPal build before it goes to testers to certify it.
  - Responsible for testing various Security projects / Frameworks that PayPal delivers.
  - Roll out the framework and giving demo to cross vertical team in order to bring in the security at the earliest.
  - **Live Security Issue Support:** Reaching out to the corresponding cross vertical team and help them understanding the issue. Help them providing an efficient fix and push it to live.
  - **Vulnerability Assessment** testing for any new features in PayPal on demand.

eBay Inc.
- Organization   : Cognizant Technology Solutions, Chennai
- Client   : eBay Inc., US
- Duration   : April 2010 - April 2011
- Description   : **eBay Inc.** is an American Internet company that manages eBay.com, an online auction and shopping website in which people and businesses buy and sell a broad variety of goods and services worldwide. The majority of the sales take place through a set-time auction format, but subsequent methods include a substantial segment of listings in the "Buy It Now" category.

  Roles & Responsibilities
  - Automation test engineer responsible for building and maintaining an automated test suite using Selenium
  - Responsible for establishing CI pipeline

EarthLink
- Organization   : Cognizant Technology Solutions, Chennai
- Client   : EarthLink
- Duration   : April 2008 – March 2010
- Project Description   : EarthLink is an award-winning Internet service provider - ISP - with more than 14 years of experience as a dial-up Internet provider and over 10 years as a broadband Internet provider. Our low cost dial up access and broadband Internet services (DSL Internet and Cable Internet) have been given many best ISP awards, readers' choice awards, and other Internet

service provider accolades based on the quality of our service and support. They also offer an innovative high speed DSL and home phone service bundle. Apart from these, they also offer many VAS products such as Toolbar, BART *(Integrated Portal),* PCC & ISP *(Anti-Virus software).*

Roles & Responsibilities
- Quality Assurance Engineer responsible for certifying new releases and code changes
- Test Plan and Test case document creation. Functional, Compatibility & Regression testing. Involved in Production support and release testing.

Achievements

- Have received SPOT award for my contributions in PayPal Metrics Portal application development
- Have received glowing reviews and appreciations from top management for successful Open UI5 transformation project in LnP team.
- Have been rewarded consistently and promoted twice for my contributions and ability to deliver high quality products.

Strengths / Capabilities

- Quick Witted, highly charismatic and self-motivated individual
- Ability to maintain the enthusiasm in the team which in turn leads to better productivity
- Great team player
- Smart and Flexible

Personal Details

Date of Birth	: 02-August -1986
Address for Communication	: A606, Confident Aquila Apartments, Sarjapur Road,Bangalore-562125
Availability	: 3 months
Languages known	: Tamil & English