ARUN DAVID JOHNSON. R

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I.   Professional Summary

- ❖ Lead Engineer Graduated from BITS-Pilani and Karunya University, India and having 7+ years of extensive experience in the field of Java, Full Stack, and Android
- ❖ Knowledge in the fields of Core Java and Java J2EE in the frameworks of Struts and Servlets, Spring and Hibernate, Java Swing, JUnit, JMeter, Oracle SOA, BPM, Android development of apps for Qualcomm setup box, DB applications, native applications, SQL, Linux commands
- ❖ Knowledge on Networking, VOIP technology, Ant, Maven, and Gradle archetypes
- ❖ Knowledge on IBM Orchestrator, Service-Now, OTRS, BMC Remedy, Kafka, Elasticsearch, MongoDB, AngularJS, NodeJS, MEAN Stack, Meteor, Python, Django Framework, Storm, D3.js, Google Cloud platforms, Google data flow, Citrix NetScaler, FixStream Meridian, Indeni and LiveNX
- ❖ Worked with global customers like Qualcomm, Thomson Reuters, Google, Cisco, Ford, GE, Overstock, Box, Salesforce, Citrix, IBM, FixStream, Probeseven, LiveAction, Indeni, Continental and Honeywell
- ❖ Worked on various technologies to deliver the products on time with high customer satisfaction and greater value
- ❖ Played vital roles in interacting with the customers, requirements gathering, architecture design and development, integrations, testing of the products, reviewing the activities, team building, team management, user guide document preparations, release documents, video demos for easy access and with end to end coordination for the completion of the projects leading in the demo preparation and final closures for the satisfaction of the customers and in-line with the company standards

II.   Achievements

- ❖ **Grand Salute - The Livewire Award - Tech Mahindra, October 2016**
  - ➢ "David ensured the quality of Fixstream product delivery through his proactive, dedicated and untiring efforts. He developed modules as per the customer requirements though there were new requirements every time. We delivered Connectors with optimum quality because of his passion."
    - ▪ Ranganath Raja Iyengar, IBU Head - CHITECH - CDU HiTech

- ❖ **5th Service Anniversary - Tech Mahindra, August 2016**
  - ➢ "Congratulations on the completion of 5 wonderful years as an integral part of the Tech Mahindra family. We are proud to have you. Looking forward to scaling newer heights together."

- ❖ **Pat on the Back Award - Tech Mahindra, March 2016**
  - ➢ "David is a great technical asset to the organization. His technical expertise has played a major role in customer deliverables. He is a great team player."
    - ▪ Keerthi Bukinakere, IBU Head - CDU HiTech

- ❖ **SPOT Award - Tech Mahindra, February 2016**
  - ➢ "This is awarded to instantly recognize a positive incident or instance. This recognizes the Associates for adding value through positive thought, action & behaviour. The act would have delighted the stakeholder and strengthened the bond. Congratulations on the Special Appreciation from your colleague. Keep up the good work! You spread the culture of winning and recognition within Tech Mahindra!"
- ❖ **SPOT Award - Tech Mahindra, April 2015**
  - ➢ "Congratulations for the Special Appreciation from your colleague. Keep up the good work! You spread the culture of winning and recognition within Tech Mahindra!"
- ❖ **Pat on the Back Award - Tech Mahindra, March 2015**
  - ➢ "David has done exceptionally well in Citrix Project Delivery. He understood NetScaler and IBM SCO very well though it was new to him and ensured timely Delivery. His Hard work and Dedication is highly appreciated."
    - ▪ Venkateswara Gajjala, IBU Head - CU Product Engineering Group

III.   Employment Summary

- ❖ *SunArc Technologies - Lead Engineer, August 2017 - till now*
- ❖ *Tech Mahindra - Sr. Software Engineer, August 2011 – June 2017*

IV.   Education

Degree	Specialization	University	Year of Passing
PG	Master of Science (M.S) in Telecommunication and Software Engineering	BITS-Pilani, Rajasthan	2015
UG	Bachelor of Engineering (B.E) in Electronics and Communication Engineering	Karunya University, Tamil Nadu	2011

V.   Skills

Operating Systems	Windows, Mac, Linux, Ubuntu, Linux Mint
Languages	Core Java, Java-J2EE, Android, Python, NodeJS, Typescripts
Markup Languages	HTML and XML
Databases	MySQL, MongoDB, Redis, SQLite, ElasticSearch, SQL, PostgreSQL
IDE	NetBeans, Eclipse, IntelliJ, JDeveloper, Android Studio, Visual Studio Code
Web Servers	Tomcat, GlassFish, Jetty, Nginx
Web Related	JDK1.8, JSP, Servlet, Struts, Spring and Hibernate, Spring Boot,

	Web Services – REST, SOAP, AngularJS, Meteor, Django Framework, Selenium, TestNG framework
Tools and Utilities	MS-Office, Gliffy, Camtasia, FileZilla, Putty, GIT, SVN, Postman

VI.   Project Details

Project # 14   :   LiveNX – Advance Services and QA – API Automation, QA Website
Client   :   LiveAction, US
Duration   :   July 2018 – Till Now

a) Project Description

The project is to provide the advance service support to the clients of LiveAction with the custom OVAs / RPM build files and scripts in different languages to the end user with the APIs and services running in it to get the LiveNX reports by mail or by images or by documents stored in their custom location or the JSON data. The custom product is done for different clients and worked on the QA API Automation factory and adding the result in the QA website to see the results of the test run, their performance, and the functionality.

b) Contribution

- Worked on the Java code development, NodeJS, Python code for APIs
- Architectural design, Development, Integration, Testing, and end to end coordination with the client
- Developed the QA API Automation factory code
- Developed the QA Automation website for viewing the results of the test cases for APIs, Selenium and OVA upgrades

c) Skills Used

Java Restful Web Services, NodeJS, Ubuntu OVA, MailServer, Postman, CentOS RPM, JSON Parsers, Selenium, TestNG, Junit

Project # 13   :   Indeni – Automation Regression Testing
Client   :   Indeni, US
Duration   :   February 2018 – June 2018

d) Project Description

The project is about automated regression testing of the Indeni Software with the Selenium Web driver and TestNG framework. The use case captures testing all the networks and the process involved in the tool.

e) Contribution

- Worked on the Java code development, Selenium test cases and TestNG framework development.
- Client interaction and Team Management.

f) Skills Used

Java Restful Web Services, Spring Boot, REST, JSON, XML, Maven, Selenium, TestNG

Project # 12   :   LiveNX - Custom API Development
Client   :   LiveAction, US
Duration   :   August 2017 - January 2018

g) Project Description

The project is about providing the custom OVA to the end user with the APIs and services running in it to get the LiveNX reports by mail or by images stored in the location or the JSON data. The custom product is done for Honeywell, Expedia, and Trilix.

h) Contribution

- Worked on the Java code development, NodeJS code for APIs
- Architectural design, Development, Integration, Testing, and an end to end coordination with the client.

i) Skills Used

Java Restful Web Services, NodeJS, Ubuntu OVA, MailServer, Postman

POC # 2　　:　　Blog POC
Client　　:　　Probeseven, India
Duration　　:　　June 2017 - July 2017

a) POC Description

The POC is about creating a blog post with the admin portal to perform the CRUD operation in the DB from the admin portal as well as do the CRUD operation from the blog view template.

b) Contribution

Worked on the code development in Django framework with python as the backend and HTML frontend.

c) Skills Used

Django Framework, Python, SQLite, HTML and CSS

POC # 1　　:　　Document to JSON Converter POC for Quiz Maker
Client　　:　　Probeseven, India
Duration　　:　　June 2017 - July 2017

a) POC Description

The POC is about creating a single page application in meteor and angular to convert a document to JSON data. This JSON data will be rendered to the quiz schema structure and will be saved in the database. The saved quiz schema will be used by the quiz taker application.

b) Contribution

Worked on the code development in angular and meteor in the frontend and backend.

c) Skills Used

NodeJS, Angular, NPM, Meteor

Project # 11　:　　HP Tetra
Client　　:　　HP, US
Duration　　:　　March 2017 - April 2017

j) Project Description

The project is about creating micro service applications. One is Kafka Messaging Service APIs for producer and consumer, that can be used from the e-commerce website for Order Service, Product Service, and so on. Also, the other one is creating the Kafka Admin APIs for the topic, services, consumer groups CRUD operations to save the configuration changes in the XML file that can be used by the admin for the logging and messaging services.

k) Contribution
- Worked on the Java code development, Kafka Cluster Environment, and Spring Boot APIs
- Architectural design, User Story and Task Creations and Team Management.

l) Skills Used

Java Restful Web Services, Spring Boot, REST, SOAP, JSON, XML, Gradle, Kafka, Apache Storm, Cassandra

Project # 10	**:**	**FixStream Connector**
Client	**:**	**FixStream, US**
Duration	**:**	**June 2015 - February 2017**

a) Project Description

The project is about creating a connector which consumes the incident events and device information from ServiceNow, OTRS and BMC Remedy ticketing tools, map the content with the proposed ticketing data model and pass on the same to the Meridian correlation engine. A Java API to trigger events (Insert, Update and Delete) into the Incident, Change, Problem and the Configuration Item tables and getting the information back and pass on the status and the data to the Meridian Correlation Engine through the Storm Topology to Kafka Producer and Elasticsearch database.

b) Contribution
- Worked on the Java code development, Kafka Setup, Elasticsearch, and Connector APIs.
- Architectural design and Team Management.
- Integration of the .war and the .jar files in the Meridian System to be used by the correlation engine.
- Lead the team in delivering the project on time and End to end coordination.

c) Skills Used

Java Restful Web Services, REST, SOAP, JSON, XML, Spring Boot, Maven, Gradle, Elasticsearch, Kafka, Apache Tomcat, Apache Storm, ServiceNow, BMC Remedy, OTRS, NAGIOS, Centos, Linux Mint, Ubuntu.

Project # 9	**:**	**Headcount Editor Tool – MS Project**
Client	**:**	**Google, US**
Duration	**:**	**July 2015 - December 2015**

a) Project Description

The headcount editor tool helps create, maintain & visualize headcounts datasets efficiently. The tool will dynamically create & manage relationships between employees of the organizations and keep the organization structure updated all the time. The tool will provide a means to quickly form an org structure from a list of employees. If you are performing edits to the existing org structure then you should be able to submit the changes for approval once you are happy with them. The approval will be routed to a dedicated team/individuals in sales ops and if approved will be persisted in the 'next quarter org' dataset. The tool should have a clean easy to use interface and a logical workflow from beginning to end. You should be able to add a name to org charts and save drafts of creations/edits to come back to at a later date.

b) Contribution

- Worked on the end to end code development, environment setup, and documentation.
- Architectural design and the presentations.

c) **Skills Used**

Node.js, MongoDB, Google Cloud, Angular.js, C3.js, D3.js, HTML5, CSS, JavaScript.

Project # 8 : IBM SCO Content Pack for NetScaler
Client : Citrix, US
Duration : October 2014 - June 2015

a) **Project Description**

The project is about creating multiple automated workflows consuming NetScaler northbound APIs (Nitro APIs) and integrating it with self- serve processes on the IBM SmartCloud Orchestrator. The scope of the project involves end to end configuration scenarios right from device discovery to load balancer creation and configuration to security certificate management. The workflows provided are: Register a NetScaler load balancer, Unregister a NetScaler load balancer, Create load balancer instance, Modify load balancer instance, Delete load balancer instance, Assign NetScaler instance to ICO Member, Modify NetScaler instance to ICO Member, Remove NetScaler instance to ICO Member, Create load balancer Policy, Modify load balancer Policy, Delete load balancer Policy, Upload SSL Certificate to NetScaler instance and Remove SSL Certificate from NetScaler instance.

b) **Contribution**

- Worked on the Java development of the whole project.
- Created the jar files required to be integrated by the IBM SCO.
- Lead the team in delivering the project on time.
- End to End coordination and Client interaction.

c) **Skills Used**

IBM SCO, Core Java, Citrix NetScaler, Tivoli, JavaScript.

Project # 7 : Cisco - WLC
Client : Cisco, US
Duration : June 2014 - September 2014

a) **Project Description**

This project is about configuring the WLC (wireless LAN controller) that will connect the Cisco AP (Access Points) to the MSE (Mobility Service Engine) server to track the devices IP and the MAC connected to the AP and to fetch the location of the device that provides the information of the data required by the user using the application developed for the purpose.

b) **Contribution**

- Added the public IP to the system.
- Installed the WLC server dedicated for the TechM location for the access on top of the VSphere server and made it be available for connecting to the MSE.
- Done the configuration and the Shell scripting to connect the devices.

c) **Skills Used**

Shell Scripting, WLC, MSE, Networking

Project # 6 : Overstock – Etilize, Jungle Fever, Master Attribute

Client : **Overstock, US**
Duration : **August 2013 - May 2014**
   a) **Project Description**
   Etilize is about creating rich product information of the electrical products from the Etilize website to the clients thereby making the user have a good decision for buying the products. Jungle Fever is about making the bestseller products of the Amazon website to be mapped to the overstock website DB thereby making the products to be available to the customers for easy access of the Amazon products. Master Attribute is about writing the JUnit test cases and to test whether the products in the Overstock website are currently mapped to the proper attributes and displayed in the website.

   b) **Contribution**
   ● Writing the Java code for the new logic in the modules. Migrating the project structure to the maven archetypes.
   ● Writing the SQL code to connect the tables of the different database to fetch the product info.
   ● Mapping of the products and sorting them in the CSV format to be delivered for the website data.
   ● Writing the JUnit test cases to test the products mapped and getting populated into the DB and are sent onsite to the web application.
   ● Written the regular expressions to make the products to be mapped into the DB. Done QA testing for the end-to-end application.

   c) **Skills Used**
   J2EE, JUnit, Core Java, Spring, Hibernate, jQuery, AngularJS

Project # 5 : **Box-Salesforce Integration**
Client : **Box, US**
Duration : **June 2013 - July 2013**
   a) **Project Description**
   This project is about integrating the Box application with the Salesforce application in Android to make the storage space and the management of the users in Box Company, providing a single sign-on feature for both the application.

   b) **Contribution**
   ● Writing the Android code for the application.
   ● Creating a single sign-on feature for both the application. Integrating the Box and the Salesforce app through API.
   ● Coordinating with the team to design the UI and the apex language. Testing the end-to-end application.

   c) **Skills Used**
   Java, Android, Apex, Salesforce, Salesforce.com

Project # 4 : **GE App**
Client : **GE, India**
Duration : **May 2013**
   a) **Project Description**
   This project is about creating an android application for the mechanical engineers in GE to find the root cause and the solution for the errors happening in the machines of the GE Company.

b) Contribution
  - Design of the UI and the structures.
  - Design of the data in the SQLite database.
  - Converting the code from Visual C to Android with the new features. Creating and testing the end-to-end application.

c) Skills Used
Android Development, Java, Set Top Box

Project # 3   :   **Skype, Startup App, Application Launcher, Widget Launcher**
Client   :   **Qualcomm, US**
Duration   :   **August 2012 - April 2013**

a) Project Description
Skype is about integrating Skype for the QUALCOMM board to make all the Skype functionality to work. Startup Application is about creating the startup application and the setting process for the QUALCOMM board to make all the basic setup functionality to work. Application Launcher is about creating an application Launcher of the Android apps for the QUALCOMM board to make the user to enjoy the video on TV as well as to make the quick app work and to go back to watch TV. Widget Launcher is about making the user to experience the widgets and the other apps while watching the TV and have uninterrupted TV experience.

b) Contribution
  - Design, Architecture and UI development for the app.
  - Writing the Java wrapper classes for the chat applications and the audio and video codecs.
  - Worked on the new animation features for the better UI effects.
  - Writing logic and the commands to make the interaction with the Qualcomm app and the developed app.
  - Customizing the QUALCOMM firmware to support this feature. Creating and testing the end-to-end application.
  - Coordination with the team to complete the project. Deployment of the features in the Qualcomm chips.

c) Skills Used
Android Development, Java, Set Top Box

Project # 2   :   **Sales Quote Lab, PO Processing**
Client   :   **Thomson Reuters, India**
Duration   :   **January 2012 - July 2012**

a) Project Description
Sales Quote Lab is about creating the rules and the background works that will happen once a user applies for a product in a web site. PO Processing is about creating a database for the banking; giving credit card validation and checking the user's database applications.

b) Contribution
  - Setting up the BPM workspaces Creating the Adapters.
  - Creating the components and the workflows to be made for the Sales Quote.
  - Creating the rules and functionalities for the database.
  - Creating the data and the data model for all the DBs.

- Worked on the JDeveloper tool for the development of the project with the various components, tools and the roles for each operation.

c) Skills Used

Oracle SOA, Oracle BPM, JDeveloper, Oracle 11G

Project # 1	**:**	**Inventory Management, Employee Allotment Processing**
Client	**:**	**Mahindra Satyam, India**
Duration	**:**	**November 2011 - December 2011**

a) Project Description

Inventory Management is about the management of the items, vendors and the warehouses in an inventory. The administrator can add, update and delete the details. The users can search and view the details. Employee Allotment Processing is about allotting the employees into the company by the HR, giving them the basic training and after successful completion of training, to send their details to the business unit and to map them into the project.

b) Contribution

- Creating the Administrator role, HR details, and Registration of employees.
- Making the flow for the layouts and the approval process.
- Development and design of the user interfaces.
- Creation of the data model and the details in the database.
- Worked on the Java development and contributed in class and sequence diagrams.

c) Skills Used

Core Java, MySQL, Struts, Servlets, JSP, NetBeans

VII. Passport Details

Passport No.	J0468984	**Valid Upto:** 20 July 2021

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