**Curriculum Vitae**

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| **Name** | Suraj  |
| **Location** | Singapore |
| Email  | Suraj.335821@2freemail.com  |
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***Professional Profile***

* 8 Years 2 months of professional software industry experience working on the design, development, functional, automation and sustain aspects of Java/J2EE,AngularJS, SOLR and leading complex project executions efficiently.
* Completing complex development projects with quality and efficiency within strict timelines.
* Self-Learning and independently using new programing languages in a fast phase mode based on client needs to stay in the edge of emerging technology.
* Direct interaction with customers for project ramp up and support to solve their technical and functional issues.
* Focus on design, development, sustain and functional aspects of Portal Application, interaction with product management and quality teams and understanding the business aspects of product development.
* Automating the process where ever a corrective medium exist, to reduce the overall human efforts.
* Identifying and approaching the management for introducing new features in the product which would provide great values in the market and makes the task easier.
* A proactive player with clear understanding of business needs and a strong customer focus.
* Currently working with **Stone Apple solutions Pte, associated with Equinix**, Inc. Singapore as a Senior Software Consultant.

***Educational Qualification***

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| ***Qualification*** | ***Board/University*** | ***Percentage/Percentile*** | ***Year*** |
| Master of Science in Programming | BITS Pilani | 6.5 Percentile | 2008-2012 |
| Bachelor of Computer Application | RV Institute of management | 74 % (Average) | 2005-2008 |

***Software Skills***

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| ***Technology*** | ***Skill Sets*** |
| Programming Languages | Core Java 1.5,6,7,8 , J2EE, SOAP, Restful |
| UI Technology | AngularJS, AJAX |
| Search Engine | Solr 6.0 |
| Scripting Languages | Perl, Shell, Jelly |
| Unit testing tools | JTest |
| Performance Monitoring Tools | JProbe, JConsole, Java Mission Control |
| Static Analysis Tools | PMD |
| Database  | Oracle 10g,11g, MySQL, SQL Server (MongoDB) |
| Version Control | SVN, Clearcase |
| UI Technologies | JQuery, AJAX, Bootstrap CSS, Angular.js |
| File Formats | XML, JSON, HTML |
| Formatting tools | JAXB, SAX, DOM, JAXON, GSON |
| Important Utilities (API’s) | Freemarker, POI, iText, PD4ml,Nuance, Remedy API and Twilio |
| Working Knowledge on  | Hadoop, noSql (Cassandra), PIG, HIVE |

***Experience Details***

**Project 1:**

***Summary***

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| ***Role*** | Senior Software Consultant |
| ***Client*** | **Equinix** (Singapore) for Stone apple solutions pvt ltd. |
| ***Start Date*** | January, 2015 |
| ***End Date*** | Till Date |
| ***Technologies Used*** | Java/J2EE, SVN, Maven, Angular.js, Oracle 11G, Perl, Shell, Cassandra |

***Project Description***

Equinix provides customer data exchange and interconnection capabilities through their data centers to a wide range of customers. The project uses Siebel product for order and financial management which involves running large queries. We had to design user friendly portals for each of the query which is executed and provide user a way to access the data independently.

***Role and tasks done***

As a senior software consultant my tasks included

1. Designing and developing complex portals for reporting and graphical data representation. The data presented in these portals are mainly used for business intelligence and evaluation.
2. Developing RESTful services which will be exposed for dependent teams to create business records along with cloud based notification system.
3. Developing the cross platform architecture to read the data from the remedy system and populating the information in the web portals.
4. Automated notification system which is responsible for notifying the customer whenever a specified critical criterion is reached in SMS/Voice and Email.
5. Single handedly replaced complete architecture of CMDB to SOLR Jobs with efficient searching and data fetch mechanism along with hybrid CDC (Change data capture) framework for easier plugin for future data sources.
6. Reviewing the classes written by team on a daily basis to avoid any minor errors from the early stage.
7. CPU and memory analysis on the product for every monthly release to make sure the resources utilized by the portal are optimal and doesn’t impact other running systems.
8. Have designed and developed architecture where the report is auto added in the web-ui by any of the user by following simple steps.
9. Executing complicated queries within the portal and providing a grid view for the same on the web-ui for easier manipulation and ordering.

***Achievements made during the tenure***

1. I was able to deliver the first skeleton model of the entire portal wit in 40 days. The skeleton included complete solution from version control architecture design to build which was highly appreciated by the higher management. Final deployment happened after 52 days of my joining the company.
2. Complex scripts which were responsible for data formatting and automation were revamped and some of them were completely re-written to reduce lot of human. I have also developed a simple script in perl for end to end deployment process which is used across multiple teams.
3. Single handedly implemented the hybrid CDC (Change Data Capture) framework using SOLR in record time of 2 months with efficient support to fetch data from any source (Oracle, SQL, NoSQL, RESTful …etc). This architecture reduced the over time of sync to more than 90%.

**Project 2:**

***Summary***

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| ***Role*** | Lead Engineer |
| ***Client*** | **Cisco** for HCL Technologies ltd |
| ***Start Date*** | December, 2012 |
| ***End Date*** | January, 2015 |
| ***Technologies Used*** | Java/J2EE, SVN, Ant, Angular.js, Oracle 11G, Perl, Shell |

***Project Description***

NCCM is a product which is used for performing audit/compliances on the network devices like routers, switches, WLC and devices with IOS/IOS-XR operating system etc. The product is mainly used to identify the loop holes of a particular network and generate the schematic reports on these devices.

***Role and tasks done***

As a Lead Engineer my tasks included

1. Leading and mentoring team of 5 members and handling one of the important yet complicated modules which are report generation in different format, Custom report import and performance tuning of the entire product especially during compliance execution.
2. Providing flexible solutions in Jelly scripts which can be imported to the system and reports can be generated in the formats such as PDF, DOC, and HTML etc.
3. Design and Developed a common framework which could be used across all features of the product for supporting export.
4. Automated notification system which is responsible for notifying the customer whenever a specified critical criterion is reached.
5. Developing the optimized classes for the new functionalities introduced as per design.
6. Performing the performance analysis on the generated code and coming up with a solution to optimize the resource usage. Had done a very deep analysis on Garbage collection process to reduce the time taken for stop the world event.

***Achievements made during the tenure***

1. Introduced a new framework for generating reports by using templates which is written based on the freemarker tool kit. The framework would allow user to write their styling needs and import in NCCM which can change the entire look and feel of all the report across or for individual report within the product.
2. Introduced PD4ml tool kit to convert the generated HTML reports to PDF reports with hyperlinks matching the PDF content. Using this feature we were able to break up the length reports into multiple parts and links can be provided in each report to interconnect with others.
3. One of the huge requirements of NCCM was handled single handedly by me. The task involved migration of middle ware server which was used only for exporting purpose to the centralized server. The entire framework opened up the possibility for handling multiple instances of compliance running at the same time for huge devices with no downtime.
4. Within a time frame of six month for most of my accomplishment across the product, HCL recognized me with Techno cad award 2014.

**Project 3:**

***Summary***

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| ***Role*** | Software Engineer |
| ***Client*** | **Ericsson** for Wipro Technologies |
| ***Start Date*** | February, 2011 |
| ***End Date*** | December, 2012 |
| ***Technologies Used*** | Java, J2EE, Clearcase, Perl, JProbe |

***Project Description***

PDM (Performance Data Mediation) is a product which collects the PM data from network element exposing SNMP agents. It already had a support for some of the node types using Push and Pull mechanism. The re-implementation was restricted only to SNMP server.

In the previous solution, OSS-RC PM Mediation component, PDM relied on the HP NNM 3PP. This product was re-written to use the Common SNMP manager.

***Role and tasks done***

As a Software Engineer my tasks included

1. Understanding the in depth functionality of application and correlate the same for new solution.
2. Leading and mentoring team of 3 members to handle the bugs and other design issues which comes on the legacy system.
3. Providing Assistance to the Architect during the requirement analysis and design phase. Providing insights on how the current system handles the requests and how can it be improved for better performance.
4. Active participation in overall design of the new implementation of the SNMP manager API.
5. Developing optimized class as per the design of the new implementation.
6. Running static analysis and developing JTest class for the new classes which are introduced.

***Achievements made during the tenure***

1. Completed the CPU and memory profiling of the product before the delivery to customer and optimized most part of code. The profiling was very use full in terms of CPU consumption and was highly appreciated by clients.
2. Solved some of the critical issues during the delivery which had design changes to be made. Successfully delivered the package on time with number of bugs less than that of any of the existing maintenance product.
3. Automated the test case execution for each build, where the Jtest cases developed will be executed for each release of the product. The automation script also makes sure that for each new class introduced will have the unit test cases covered in it. This procedure was appreciated by customer and request has been raised cover the same in all products of Ericsson.
4. Won the feather in my cap award 2012 for continues contribution and dedication shown on the new implementation.

**Project 4:**

***Summary***

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| --- | --- |
| ***Role*** | Software Engineer |
| ***Client*** | **Ericsson** for Wipro Technologies |
| ***Start Date*** | December, 2008 |
| ***End Date*** | February, 2011 |
| ***Technologies Used*** | Java, J2EE, Clearcase, Perl, JConsole |

***Project Description***

SGw (Statistical Gateway) is a mediation product which resides under OSSRC used for Performance management. Overview of SGw is to collect the files from node and placing them in northbound directory. Other statistical loading product of Ericsson (ENIQ) would parse these files and load the data for providing the results to the user.

SGw collects statistical data from the node type such as MSC, BSC, MSCBC, MGW, SGSN, STN, CPG, EBS, and MME

***Role and tasks done***

As a Software Engineer my tasks included

1. Understanding the in depth functionality of the application and correlate the same for new solution.
2. Providing the most optimal fix for the trouble reports raised by FT, ST or customer.
3. Developing the classes for the new functionalities introduced, and providing the support for nodes with extended versions.
4. Providing support for scalability of the product.
5. Answering the Customer queries efficiently and closing it within the stipulated time line.
6. Solving the Customer issues on priority and closing it within the stipulated time line.
7. Actively participate in team meetings, customer meetings and IP co-ordination

***Achievements made during the tenure***

1. Identified the area where configuration of the product could be made easier. Developed a GUI using swings, for configuration of the product which was appreciated by customer and cost for the same was given in order to include the tool as a part of SGw product.
2. Identified the area where configuration of the product could be made easier. Developed a GUI using swings, for configuration of the product which was appreciated by customer and cost for the same was given in order to include the tool as a part of SGw product.
3. Apart from the current product have helped other team members to provide a solution for long holding issues which had design changes to be made.
4. Have delivered many shell scripts to customers based on their requirement for monitoring the load and disk usage on the servers.
5. Won one of the most prestigious awards across the BU in Wipro, The Innovator Award 2011 for my new introduction of the Param GUI, which is now a part of the SGw product delivery.