Mrinmay Santra

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Experience Summary

* Around **9** years of experience in IT industry, including **8** years in Cognizant and currently working in IPM **Cloud-Microservice** practice as Technology Specialist.
* Strong technical and architectural knowledge in various technologies which are mostly associated with **Java 8, Cloud, Microservice** and **BigData** technologies.
* Experienced in **Agile Methodology** as Tech Lead.
* Major contributor in Innovation program for both Cognizant and Client: Wells Fargo and Manulife.
* Received multiple awards for outstanding performance for project deliveries and POC’s.
* Eager and always ready to take up new challenges and technologies.
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| Technical Skill | | |
| T  E  C  H  N  O  L  O  G  Y | **Language** | **Primary**: Java 8, JavaScript and SQL  **Secondary**: Groovy, PySpark, R and Python |
| **Frameworks and Technologies** | **Primary:** Microservice, Pivotal Cloud Foundry (PCF), Spring, Spring Boot, Redis, RabbitMQ, Eureka, Ribbon, Zuul, Swagger, Feign Client, Sleuth, Hystrix, PaperTrail, OAuth 2.0, SAML 2, Log4J and JUnit-Mockito  **Secondary:** JPA, jQuery, JSON, Bootstrap and Hadoop |
| **Concepts and Design Pattern** | 12-Factor App, Strategy, Observer, Factory and Singleton |
| **Database & Tool** | **Primary:** MySQL and Oracle  **Secondary:** HDFS |
| **Development Tool** | STS, Eclipse and Postman |
| **Version Control Tool** | GIT and SVN |
| **Build Tool** | Maven |
| **Development Model & Tool** | Agile and VersionOne |
| **Operation System** | | Mac, Ubuntu and Windows |

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| Education, Certification and Award | |
| **Title or Degree** | **University or Organization** |
| The CZAR | Cognizant |
| ABOVE and BEYOND | Cognizant |
| Hadoop & Spark | Nimble Tech, Training Institute (*2017-2018*) |
| MCA | MID, Durgapur (*2008-2009*) |

**Project Profile**

Project# 1: **Generic ACL** Client: Manulife, Financial Corporation in Canada and Asia

Team Member: 4 Cognizant [Sep’18 – Till Date]

**Project Summary:** This project was developed to introduce an Anti-Corruption Layer to restrict database access. It is generalised version of multiple legacy DB services. Service is enough flexible to address any customized DB query. By leveraging externalized configurations, the solution has been designed to achieve secure and dynamic DB access

**Technology:** Java 8, Groovy, Spring 4.0, **Spring Boot**, **PCF**, OAuth 2.0, Swagger, JSON, jUnit 4.0, Log4J 2 and

SQL Server 8

**Role & Responsibility:**

* Performed as an **Offshore lead developer**
* JUnit TestCase developer
* Groovy Script writer

Project# 2: **SSO Security Redesign** Client: Wells Fargo, 4th largest banking service in US

Team Member: 17 Cognizant [Jan’17 – Aug’18]

**Project Summary:** Regarding standardization of **Signal Sign On** (*SSO*) security process, Client wanted to replace internal framework (*GPAPI*) by **SAML**. Security Assertion Mark-up Language (*SAML*) is an XML-based mark-up language for security assertions.

**Technology:** Java 7, Spring 3.0, **SAML 2.0**, jUnit 4.0, Log4J 2

**Role & Responsibility:**

* Performed as an **Offshore tech lead**.
* Involved in POC’s as per project requirements.
* Delivered jUnit test-case.

Project# 3: **Client Support Service [CPS]** Client: Wells Fargo, 4th largest banking service in US

Team Member: 15 Cognizant [Jun’15 – Dec’16]

**Project Summary:** This assignment was grouped by below activities:

* **Codebase Setup Tool**: It is an automated (*100%*) setup tool, which reduced the effort of manual code base setup from more than **8 hours** to only **30 minutes**.
* **Gradle implementation:** Developed a script, which is responsible to download required JARs from Gradle Repository only.
* **New Logging framework:** Implemented to log client level activity. It’s a **JSON based approach**, which internally has Log4J implementation. This new framework was supported by both end client and server.

**Technology:** Java 7, **Gradle**, Git & **JavaFX**

**Role &Responsibility:**

* Involved as an offshore team lead.
* Project **planning and requirement** analysis.

Project# 4: **BMW** Client: Wells Fargo, 4th largest banking service in US

Team Member: 27 Cognizant [Mar’14 – May’15]

**Project Summary:** Responsive page design was the main intention of this assignment, so it could support Desktop, Tab and Mobile screen as well. It was mostly UI related changes. To ensure existing functionality there was extensive development of jUnit test cases.

**Technology:** jQuery**, RequireJS, Bootstrap,** Less & jUnit.

**Role & Responsibility:**

* Involved as a **team lead**.
* Developed a **screen comparator** tool.
* Involved in POC’s as per project requirements.
* Critical points identification and solution design.

Project# 5: **YRI SMW Reengineering Phase - II** Client: Yum! Brands is an American fast food company

Team Member: 10 Cognizant [Aug’12 – Feb’14]

**Project Summary:** This Project was all about PayPal integration. Yum! Brand is one of the famous food quality auditors. It covers early 43,000 restaurants in more than 130 countries. This assignment was the implementation of online audit subscription by leveraging PayPal.

**Technology:** Java 7, Struts 1.3, **PayPal API**, SQL Server 2008

**Role & Responsibility:**

* Involved as a senior team member.
* Configured the **sandbox** environment.
* Implemented onetime subscription process.

Project# 6: **Staples Link AVM** Client: Staples, Inc. is an American office supply retailing corporation

Team Member: 20 Cognizant [Apr’11 – Dec’11]

**Project Summary:** This assignment was to provide Maintenance and Support to the existing StaplesLink.com site. Basically, it was a support project, there was involvement of different type of support activities:

* Job monitoring
* Job failure analysis
* Data validation and maintenance
* Server health monitoring and maintenance.

**Technology:** Java 6, **Tidal**, DB2 9.0.

**Role & Responsibility:**

* Involved as team member.
* Prepared **Scripts for Tidal** scheduler.
* App server support and maintenance.

Project# 7: **Integrated Marchandise Calenda**r [IMC] Client: Family Dollar is a Variety Store Chain in US

Team Member: 5 Cognizant [Dec ’10 – Mar’11]

**Project Summary:** IMC was delivered as a **customizable calendar** to leverage event management. It was a role-based web application which was accessible to target user only. This tool was capable of delivering various business-related services:

* Task and Milestone planner and deadline calculation.
* Capture notes during meeting.
* Task review and feedback.
* Performance matrix tracking.
* **Multilingual**.

**Technology:** Java 6, Spring (JDBC), WebLogic 8.1, Oracle 10g, **DOJO**.

**Role *&* Responsibility:**

* Involved as a junior resource.
* Developed sub modules and unit test cases.
* Performed manual code **deployment** in DEV environment.