# DEBENDRA KUMAR SAHU

**SENIOR PRODUCT ENGINEER** Email:**debendra93.qa@gmail.com**Mobile: **+91-7978144310**

**PROFESSIONAL SUMMARY**

Having **5.4+ years** of total experience in the field of information technology with the emphasis on **Software Testing. 5 years** of experience in **Automation Testing** using **Selenium WebDriver, Appium** with **Core Java** to automate cloud-based web application and desktop application.

**AUTOMATION SKILLS**

* Extensive working experience on all phases of **Software Development Life Cycle (SDLC)**, its methodologies such as **Agile**, **DevOps** and Waterfall Model.
* Strong Understanding of OOPs concepts (Polymorphism, Inheritance, Encapsulation, Abstraction) and core java.
* Good Knowledge on Collections and Exception Handling, File Handling.
* Good knowledge in Automation **Selenium Web Driver** API’s.
* Experience with Mobile Automation using **Appium** automation framework and WebDriver.
* Expertise in debugging issues occurred in front end part of web-based application which is developed using **HTML5**, **CSS3** and **Java**.
* Working knowledge on **GIT** for Version Control Tool, **Maven** and **Gradle** for Project building tool, **Jenkins** for Continuous Integration, **Kubernetes** and **Docker** for Build and Release process.
* Experience in the development of **Hybrid Automation framework** using **Page Object Model** in Selenium.
* Working knowledge on Test case automation implementing **Rest Assured** and **BDD Framework (Cucumber)**.
* Expert handling Alert, Window, Hidden, File download, File upload Popup using **Auto IT**.
* Excellent experience in troubleshooting software applications for business functions in major areas of the **Telecom** and **Banking Domain**.

**MANUAL SKILLS**

* + Experience in analyzing functional requirements and translate them to test cases.
	+ Well acquainted with **Software Development Life Cycle (SDLC)** and **Software Testing Life Cycle (STLC)**.
	+ Extensive experience in reviewing and analyzing Business Requirements and creating **Test Plans, Test Cases, Test Scripts, Test Estimation** & **Requirement Traceability Matrix.**
	+ Professional expertise in Smoke Testing, Black-Box Testing, User Acceptance Testing (UAT), Functional Testing, Positive/ Negative Testing, System Testing, Regression Testing, GUI Software Testing, Ad-hoc Testing, Cross Browser/ Cross Platform Testing.
	+ Worked open source bug tracking tool **JIRA**, **Quality Center**, **Bugzilla**.

**EDUCATIONAL QUALIFICATION**

* + B.TECH in Electrical & Electronics Engineering from Biju Patnaik University of Technology,

Bhubaneswar in the year 2011-2015 (CGPA: **8**)

**WORK EXPERIENCE**

* + Working as Senior Product Engineer in Harman Connected Services since APR 2020 to till.
	+ Worked as QA Engineer in Sterlite Technologies Ltd Bangalore since JAN 2018 to Mar 2020.
	+ Worked as JR.QA Engineer in AdsphereTechnologiesPvt Ltd Bangalore since JAN 2016 to JAN 2018.

**SKILL SET**

* + Software Testing : Manual, Selenium, Appium, SoapUI, Rest API (Postman)
	+ Bug Tracking tool : JIRA, Bugzilla, QC(ALM), Test Rail
	+ Languages : Java, C/C++
	+ Operating Systems : Windows10/8/7, Linux
	+ Web Essentials : HTML,XML,CSS

**PROJECT SUMMARY**

**Project #1**

**Project: Discovery Pattern Designer (ITOM)**

**Client: ServiceNow, Bangalore APR 2020 – TILL**

**Role: Software Engineer as consultant**

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| **Description :****Discovery Pattern Designer (ITOM)** Pattern designer comes with a set of preconfigured patterns that cover most of the commonly used devices and applications. You may customize the pattern set in the If your organization uses proprietary devices and applications. You must create new patterns for these items to enable Discovery to identify them. Discovery finds computers and other devices connected to an enterprise's network. When Discovery finds a computer or device, it explores the device's configuration, provisioning, and current status and updates the CMDB.**Roles and Responsibilities:*** Involved in Automation framework development from Scratch level.
* Create, Execute and Maintain Test scripts through Selenium and Java for Functionality and UI.
* Responsible for creating and customize test scripts in Java.
* Carried out development of automation test scripts for the identified scenarios.
* Involved in creating and executing Batch execution.(.XML file and Test suite)
* Expertise on Finding Elements using XPATH and CSS Selector.
* Documented and Communicated test results using Jenkins.
* Involved in verifying the automation result and raise a defect if it is required.
* Integrated Maven and GIT for the existing Framework.
* Helping team members to resolving their automation issue.
* Involving in Build and Release Process.
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| **Environment** | Eclipse (Oxygen), Selenium, TestNG, Maven, Jenkins, Rest API (Postman), Page Object Model, Appium, Kubernetes, Docker, JMeter |

**Project #2**

**Project: Billing and Revenue Management (BRM)**

**Client: MTNL, South Africa OCT 2018 – MAR 2020**

**Role: QA Engineer**

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| **Description :****Billing and Revenue Management (BRM)** are the components that a telecommunications service provider uses to run its business operations towards customers. Together with operations support systems (OSS), they are used to support various end-to-end telecommunication services (e.g., telephone services). BSS and OSS have their own data and service responsibilities. The two systems together are often abbreviated OSS/BSS, BSS/OSS or simply BSS/OSS. The initial BSS is also used in a singular form to refer to all the business support systems viewed as a whole system. |
| **Environment** | Eclipse (Oxygen), Selenium, TestNG, Maven, Jenkins, Rest API (Postman), Page Object Model, Appium, Kubernetes, Docker, JMeter |

**Project #3**

**Project: CUSTOMER RELATIONSHIP MANAGEMENT**

**Client: Bali Tower, Indonesia JAN 2018 – OCT 2018 Role: QA Automation Engineer**

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| **Description :****Customer relationship management** (**CRM**) is an approach to manage a company's interaction with current and potential [customers](https://en.wikipedia.org/wiki/Customers). It uses [data analysis](https://en.wikipedia.org/wiki/Data_analysis) about customers' history with a company to improve business relationships with customers, specifically focusing on [customer retention](https://en.wikipedia.org/wiki/Customer_retention) and ultimately driving sales growth. Service providers require a single view of the customer and regularly need to support complex hierarchies across customer-facing applications (CRM). Customer management also covers requirements for partner management and 24x7 web-based customers self-service. |
| **Environment** | Eclipse (Neon), TestNG, HTML, Gradle, Jenkins, Auto IT, Apache POI, JIRA, API Automation (Rest Assured), BDD(Cucumber), Appium, SOAPUI |

**Project #4**

**Project: Banking Management System**

**Client: Tandem Bank, England JUL 2016 – JAN 2018 Role: JR.QA Engineer**

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| **Description :**Tandem Bank is a comprehensive corporate and small business banking solution providing a single unified view of the corporate banking relationships across asset and liability products, limits, trade finance and cash management. Corporate customers of the bank gain the flexibility to view details of each account, capability to make Inter-bank and Intra-bank payments, access to trade finance information and transactions, and the ability to perform cash management activities. This also supports comprehensive authorization workflow, Transaction Limits, Electronic Invoice Presentment and Payment (EIPP) and Corporate Administration. |
| **Environment** | Eclipse (Mars), TestNG, HTML, Maven, Jenkins, Sikuli, Apache POI, JIRA, |

**Project #5**

**Project: Radiology Case Management System (RCMS) JAN 2016 - JUL 2016 Client:** American College Of Radiology, Reston

# Role: JR.QA Engineer

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| **Description :**RCMS is a distributed system used to author, submit, edit and maintain case- based radiology content. It serves as a central repository for content with both data and meta data structured in a manner that facilitates discovery, reuse and information sharing. RCMS is a Health Care Domain Project. It is developed on Single Sign On Process. RCMS is actually performed by Radiologists like Member, Non-member and Residents. |
| **Environment** | JIRA, Excel, QC (ALM), Sanity Testing, Regression Testing |

**Declaration**

I hereby declare that the above mentioned information is true to best of my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

Place: Bangalore Date:

# (DEBENDRA KUMAR SAHU)