

**AJAY KUMAR VANAM**

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#### **Professional Summary:**

- Having **6.6 years** of experience in both **Manual** and **Automation testing**.
- **In relevant 3.6 Years of Experience in the Selenium Automation Testing with Java.**
- **2 years of Experience in ETL Testing.**
- Have good domain experience in **Healthcare, Education, ERP and Telecom.**
- Good Experience in Automating Web Applications using **Selenium WebDriver, Java, TestNG, Maven & BDD(cucumber) ,git, and Jenkins.**
- Experience in preparing **Cucumber feature files (User Stories)** and automated the **feature** file using **Selenium**.
- Proven ability in developing **BDD scripts** with **Cucumber** and writing step definitions for behaviour.
- Have Good Experience in Different Frameworks **POM, Data Driven Framework**
- Experience in writing **CSS** Selectors, **Xpath** expressions to identify web element
- Generated test logs using **Log4j** for various log files
- Experience on Writing **SQL** queries
- Hands on Experience in **API Testing**
- Experience in Written test cases for **ETL testing** by understanding transformation rules
- Creating test cases by studying the Mapping document for **ETL** from source and targets
- Testing the record counts between the source & the targets
- Testing the record difference between the source & target tables
- Test data preparation for testing the transformation & mappings
- Strong knowledge on **Hadoop** and **No-SQL** databases like **MongoDB,Aurora,Hive,Snowflake**
- Hands on Experience in **JMeter Load Testing**
- Defect Tracking and Reporting, logged defects using the **JIRA** tool and reported it to the developer.
- Performed functional, compatibility testing on different browsers like **IE, Firefox & Chrome.**

#### **Organisational Summary:**

- Working with **Emids Technologies Pvt. Ltd.,** Hyderabad as a Senior QA Engineer from March 2021 to July 2023.
- Worked with **HW5 Software Technologies Pvt. Ltd.,** Hyderabad as a Senior Test Engineer in Automation and Manual Testing from October 2017 to July 2020.
- Worked with **AJR Info Systems Pvt. Ltd.,** Hyderabad as a Test Engineer in Automation and Manual Testing from March 2015 to September 2017.

#### **Technical Skills:**

- |                            |   |
|----------------------------|---|
| ● Big Data Technology      | : Hive,Mongo,Aurora,Snowflake,AWS                   |
| ● Software Testing         | : Manual and Automation                             |
| ● Test Automation Tool     | : Selenium Web Driver                               |
| ● Programming Languages    | : Java, Python                                      |
| ● Testing Frameworks       | : TestNG, POM, Data Driven Framework, BDD(Cucumber) |
| ● Performance Testing Tool | : Apache Jmeter                                     |
| ● Databases                | : SQL   |
| ● ETL Tools                | : Informatica Power Center, SSIS                    |
| ● Defect Management Tool   | : JIRA, TestRail,Bugzilla                           |
| ● Editors                  | : intellij,Eclipse,PyCharm                          |

- Platforms : Windows, Windows XP/7/8, Android, iOS
- Other Tools : Putty, WinSCP, PgAdmin, Compass, Cyberduck, Swagger, Hue

#### **Education Qualifications:**

- Master of Computer Applications (2012) from JNTU Hyderabad with 68.5% aggregate.

#### **Strengths:**

- Good Software & Programming skills with practical experience
- Positive Attitude
- Determination
- Hard Working

#### **Professional Experience:**

#### **Project-1:**

##### **iPORT-HD:**

- **Role:** Senior QA Engineer
- **Duration:** March' 2021 to July' 2023.
- **Tools Used:** Putty, WinSCP, Swagger, PgAdmin, Compass, Eclipse IDE, Informatica, SSIS, Hue, Putty, PgAdmin, Compass, Cyberduck, Airflow, IntelliJ.
- **Testing:** Manual Testing, Selenium(Java), DB Validation, API Testing, ETL Testing
- **Big Data Technology:** Hive, Mongo, Aurora, Snowflake, AWS S3, GP
- **Domain:** Healthcare Domain
- **Project Methodologies:** Agile Scrum
- **Version Control :** Git
- **Build Tools:** Maven
- **CI Tool:** Jenkins

##### **Description:**

iPORT-HD™ is Healthcare Domain and it is Data Integration Solution provides a secure, cloud-based solution that can be quickly implemented establishing connections to incorporate baseline, historic warehouse data, as well as ongoing data imports into the Client Data Lake (CDL), leveraging more than 1,100 data quality validations, this solution creates a normalised, conformed data layer that supports the matching and linking of disparate data sets.

Designed using a framework for every device, iPORT-HD™ can be accessed through web-enabled browsers on personal computers (PCs), tablets and smartphones.

### Responsibilities:

- Implemented automation using **Selenium WebDriver, JAVA, Cucumber, Maven**.
- Designed and Developed the Automation Test Scripts using Selenium Web Driver using Java based on the design pattern Page Object Model for reusability.
- Developed BDD tests using Cucumber by writing behaviours and step definitions. Developed required Selenium support code in JAVA for **Cucumber**.
- Written **gherkin scripting** automation test scripts to execute in **Cucumber**.
- Developed the **features, scenarios, step definitions** for **BDD (Behaviour Driven Development)** using **Cucumber, Gherkin** and **Java**
- Performed Functional Testing, Data Driven Testing, and Cross Browser Compatibility Testing on Different browsers like **IE, Firefox & Chrome**.
- Maintaining the Execution logs and identifying the root cause of failure using **log4j**.
- Configuring **maven** for regular test builds and managing dependencies.

### Project-2:

#### Crown eLearn:

- **Role:** Senior Test Engineer
- **Duration:** October' 2017 to July' 2020
- **Tools Used:** JIRA,Pycharm,Jmeter
- **Testing:** Manual Testing, Mobile Testing(Android & iOS),Selenium(Python)
- **Web Application URL:**<http://icse.crownelearn.com/signin/index>
- **PlayStorelink:**<https://play.google.com/store/apps/details?id=com.hw5apps.crowneLearnstudent&hl=en>
- **Domain:** Education Domain
- **Project Methodologies:** Agile Scrum
- **Version Control :** Git
- **Build Tools:** Maven
- **CI Tool:** Jenkins

### Description:

**Crown eLearn** is a full-fledged School Management Software. Browser or Web based School Software which can run on Cloud Model i.e. internet is easy to implement and use. **Crown eLearn** is an integrated cloud-based Transaction Platform for Schools which comes with modules like Student Admission Management, Timetable Management, Library Management, Attendance Management, Student Invoice Management, School Exam Mark sheets and Results Management, Fees & Accounts Management, Homework Assignment Management etc. **Crown eLearn** also provides advanced modules like Online Examination, Online Payment Gateway, E-Library etc.

**Crown eLearn** provides a separate Login facility by giving online Student Login, Employee Staff Login, Parent Login & School Administrator Login. These logins can also be accessed through your Personalized **Crown eLearn** Mobile APP.

### Responsibilities:

- Generate test cases based on the requirements documents.
- Involvement in **Jmeter Load Testing** and executed multi-user Load tests.
- Designed and Developed the Automation Test Scripts using Selenium WebDriver using Java based on the design pattern Page Object Model for reusability.
- Reviewed the Test Reports using **TestNG**.
- Performed Functional Testing, Data Driven Testing, and Cross Browser Compatibility Testing on Different browsers like **IE, Firefox & Chrome**.
- Developed **Data Driven** frameworks to retrieve test actions, test data from Excel
- Maintaining the Execution logs and identifying the root cause of failure using **log4j**.
- Data-driven Testing for executing the same script with multiple test-data.
- Executing maven build regularly using **Jenkins**.
- Enhanced Test cases using Java Programming features and **TestNG** Annotations.
- Execution of Selenium test suite and developed reports and reported defects.
- Involved in **Retesting** and **Regression Testing** using **Selenium WebDriver**.
- Defect Tracking and Reporting, logged defects using the JIRA tool and reported it to the developer.

### Project-3:

#### Xenvoice Communications:

- **Role:** Test Engineer
- **Duration:** March' 2016 to August' 2017
- **Testing:** Manual Testing ,Mobile Testing(Android&iOS)
- **Tools Used:** JIRA
- **Domain:** Telecom Domain
- **Web URL:**<http://www.xenvoice.com/>
- **Play Store Link:**[https://play.google.com/store/apps/details?id=com.xenvoice.pro&hl=en\\_IN](https://play.google.com/store/apps/details?id=com.xenvoice.pro&hl=en_IN)

#### Description:

**Xenvoice** Communications is a cloud based business communication solutions provider offering highly secure, flexible, and affordable services and also helps individual users as well as teams to make & receive voice calls, send & receive SMS, Fax etc., from a single platform.

Not only that, **Xenvoice** also keeps track of all previous communication between individuals or teams, so that everyone is aware of the context of the conversation. As soon as a phone call is received, the caller's details along with previous conversation history will pop up automatically.

**Responsibilities:**

- Created and executed the test cases for various scenarios, and participated actively in Functional Testing, Retesting, Regression testing.
- Reporting the Coverage status of tests performed on a daily and weekly basis.
- Involved in Scrum meetings.
- Interacting with developers in resolving the bugs.
- Preparing Bug reports through JIRA.

**Project-4:****Scocu:**

- **Role:** Test Engineer
- **Duration:** June' 2015 to March' 2017
- **Tools:** JIRA, Eclipse IDE
- **Testing:** Manual Testing, Selenium(Java)
- **Domain:** ERP Domain
- **Web URL:** <https://www.scocu.com/>

**Description:**

Scocu is a web based Application and consists of three modules. Scocu Admin Console (AC), Scocu Customer Admin Portal (AP) and Scocu End User Portal (EP). It is used for creating solution designs, evaluating project success and project completion and also used to determine what needs to be done as a starting point for solution design.

**Benefits:**

- With Scocu, users can develop an application with minimum coding or zero coding depending on the nature of the project
- Scocu provides Database objects, predefined Variables, functions, scripts, business Views, templates etc. Allows the end users to customize the application without writing any code thereby saving the time.
- Scocu optimizes the costs of Small and Medium IT Development Companies.

**Responsibilities:**

- Created and executed the test cases for various scenarios, and participated actively in Functional Testing, Compatibility testing, Retesting, Regression testing.
- Reporting the Coverage status of tests performed on a daily basis.
- Preparing Bug reports through **JIRA**.
- Involved in preparing the Test Setup for End to End Testing.
- Executed the test cases, recorded the results and documented defects.
- Performing automation using a Data **Driven framework**.
- Maintaining the Execution logs and identifying the root cause of failure using **log4j**.
- **Data-driven Testing** for executing the same script with multiple test-data.
- Configuring **maven** for regular test builds and managing dependencies.
- Executing maven build regularly using **Jenkins**.
- Debugging the tests & fixing the errors in the tests using the **Eclipse**

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Place:

(AJAY KUMAR VANAM)