

Hema Nagaraju Dhulipudi

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OBJECTIVE

Seeking a challenging role in a reputed organization where I can enhance my technical and functional skills, contribute effectively to organizational goals, and grow professionally with integrity and commitment

PROFESSIONAL SUMMARY

- Around 13+ years of IT experience as a **SoftwareTest Engineer**, including 4+ years in **Automation Testing** and 9+ years in **Manual Testing**, with strong expertise across the software testing lifecycle.
- Proficient in developing, reviewing, and executing test **scenarios**, test **cases**, and defect reports based on detailed business requirements.
- Proficient in **Selenium WebDriver**, **TestNG**, **Data-Driven Testing**, **Cross-Browser Testing**, **Parallel Execution** using **TestNG**.
- Hands-on experience in **designing** and **implementing Hybrid automation frameworks** including **POM (Page Object Model)** and **BDD** with **Cucumber**.
- Involved in Test **Estimation**, Test **Planning**, and Test **Strategy** formulation to align testing with business goals.
- Strong understanding of **QA methodologies**, **SDLC**, **STLC**, and the **Defect/Bug Lifecycle**.
- Expertise in Test Case Desing Techniques, Test Estimations and Test Strategy Implementation.
- Hands-on experience in various **Black Box** Testing methodologies: **Functional**, **Regression**, **Smoke**, **Database**, **System**, and **Usability Testing**.
- testing artifacts including **Test Scenarios**,**Test-Cases**,**Defect Reports**, and **Test Summary Reports**.
- Capable of generating detailed test execution reports using Selenium and related reporting tools.
- Proficient with **TestNG** annotations for managing test execution flow. Solid experience in Selenium with **Java** for **web application** automation.
- Working knowledge of **Git/GitHub** for version control, including creating branches, tags, resolving merge conflicts, and performing code sync activities in Linux environments.
- Aware of **Build & Release** processes, with practical exposure to Jenkins **CI/CD** pipelines.
- Experience in Version Control tool like **GIT** by defining best **branching strategies**, branch securities and **branch policies**.
- Good experience in **REST API** testing, automation, and **validation**. Proficient in creating comprehensive
- Highly self-motivated, detail-oriented, and known for strong ethical standards with a focus on contributing to team and organizational success.

PROFESSIONAL EXPERIENCE

- ❖ Working as a Support Engineer in Crown Solutions India from April 2024 to till Date.
- ❖ Worked as a Technical Support Engineer in Foray Soft from December 2020 to January 2024.
- ❖ Worked as a Asst Support Engineer in APT-Online from July 2011 to November 2020.

EDUCATION

- ❖ Master Of Computer Application(MCA) from Acharyaa Nagarjuna University , Guntur, AP

Technical Proficiency

SKILL AREA	TECHNICAL SKILLS
Programming Languages	Core Java
Automation Tools	Selenium WebDriver, TestNG, Maven, Cucumber, REST Assured
API Testing	Postman, REST Assured
Frameworks	Hybrid Framework,BDD,Data Driven
CI/CD Tools	Jenkins
Source Management Tools	GitHub, GIT
DB Query Language	SQL
Collaboration Tools	JIRA, MS Teams
Operating Systems	Windows XP/8/10/11

PROJECTS HANDLED

Project #3

Project : Watershed Development Component-PMKSY
Domain : Government – Agriculture & Rural Development
Role : Automation Test Engineer.
Environment : Selenium, Java, TestNG, GitHub, Cucumber, Postman,REST API.SQL

Description: The **PMKSY (Pradhan Mantri Krishi Sinchayee Yojana)** portal is a centralized web-based application developed for monitoring the progress of watershed development activities across various regions. The project focuses on improving the productive potential of rainfed and degraded land through integrated watershed management techniques. It supports stakeholders by enabling real-time tracking of physical and financial progress, field implementation, and community-level engagement..

Roles &Responsibilities

- **Designed and implemented a Hybrid Automation Framework** using **Selenium WebDriver, Java, TestNG, and Maven**, enabling scalable and maintainable test execution across modules.
- Automated **REST API testing** using **Postman** and **REST Assured**, ensuring backend service reliability, schema validation, and coverage for multiple request types (GET, POST, PUT, DELETE).
- **Integrated automated test suites with Jenkins** CI/CD pipelines to enable nightly builds, faster feedback loops, and early detection of regressions.
- Applied effective **test data management** strategies (via Excel, JSON, and DB connections) to ensure clean, reusable, and modular test data sets.
- Performed **cross-browser and cross-platform testing** using Selenium Grid with TestNG, ensuring application consistency across Chrome, Firefox, Edge, and mobile web.

- Generated detailed and interactive **test reports using Allure and ExtentReports**, enhancing real-time test visibility and defect traceability for stakeholders.
- Actively participated in Agile ceremonies including **sprint planning, daily stand-ups, and retrospectives**, providing accurate QA effort estimations and continuous feedback throughout the SDLC.

Project #2

Project Title : YSR JALAKALA
Domain : Government – Agriculture & Rural Development
Role : Test Engineer
Environment : Selenium, Core Java, TestNG, Maven, Jenkins, Git, JIRA, Cucumber, REST Assured.

Description: YSR JALAKALA is an online application designed to facilitate the registration of **eligible farmers for free borewell drilling, motor installation, and energization services** under a government welfare scheme. The initiative is targeted at **small and marginal farmers** owning **irrigable land between 2.5 to 5 acres**, aiming to improve groundwater accessibility for agriculture.

Roles & Responsibilities:

- **Developed and maintained automated test scripts** using **Selenium WebDriver, Java, and TestNG** for **regression, smoke, and cross-browser testing**, ensuring reusability and adherence to project standards.
- **Performed REST API testing** using **Postman** and **REST Assured** to validate backend service endpoints, ensuring smooth data exchange between UI and server.
- Collaborated with the QA and development teams to define detailed **test plans and strategies**, covering functional, integration, and non-functional testing scopes.
- **Designed and documented test cases** for both manual and automated testing based on **business requirements**, user stories, and acceptance criteria specific to the Jalakala application.
- Conducted **manual end-to-end functional testing** of critical workflows including farmer registration, geologist inspection, permit approval, and integration with the **Department of Mines & Geology** database.
- Actively participated in Agile ceremonies including sprint planning, daily stand-ups, and retrospectives, providing accurate QA effort estimations and continuous feedback throughout the SDLC

Project #1

Project Title : Mahatma-Gandhi National Rural Employment Guarantee Scheme
Cilent : Andhara Pradesh Govt(Tata Consultancy Services)
Role : Assistant Support Engineer
Environment : Manual Testing, JIRA, SQL, Functional Testing

Description: The **Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS)** is a flagship rural employment initiative launched by the **Government of India** under the **MGNREGA Act, 2005**. It aims to provide **livelihood security** to rural households by guaranteeing a

minimum of **100 days of wage employment per financial year** to every registered household whose adult members are willing to perform unskilled manual work.

Roles & Responsibilities:

- **Designed and executed manual test cases** to validate functional workflows across modules such as **job card issuance, attendance capture, payment generation, and worker registration.**
- Performed **integration testing** to ensure smooth and accurate **data flow between UI, database, and backend services**, validating API responses and module dependencies.
- Conducted **UI and User Acceptance Testing (UAT)**, verifying layout consistency, job card data accuracy, and system responsiveness under real-world usage scenarios.
- **Logged and tracked defects** using **JIRA**, collaborated with developers and business analysts for timely bug resolution and sprint readiness.
- Contributed to testing efforts related to system scalability and performance, ensuring application behavior remains stable under varying workloads.

Place: Hyderabad

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