

Keerthana J K

Phone: 7397013952 | Email: jkkeerthana2002@gmail.com | Location: Bangalore

Linked In: [linkedin.com/keerthana-jk](https://www.linkedin.com/keerthana-jk) | GitHub: github.com/keerthana

PROFILE SUMMARY

- Proficient in **Software Testing** with hands-on experience in **Manual and Automation Testing** covering web applications and APIs.
- Strong understanding of **Software Development Life Cycle (SDLC)**, **Software Testing Life Cycle (STLC)**, **Agile methodologies**, and **Scrum framework**.
- Skilled in **Test Planning, Test Case Design, Test Execution, Bug Tracking & Reporting**.
- Experienced in **Functional, Integration, Regression, Smoke, Sanity, and User acceptance test**.
- Proficient in **Core Java** concepts including OOPs principles (Inheritance, Polymorphism, Encapsulation, Abstraction), **Collections, Exception Handling** and **Java-based automation scripting**.
- Hands-on experience in **Automation Testing** using **Selenium WebDriver**, including element locators, XPath, dropdown handling, frames, windows, actions, synchronization techniques, alerts, pop-ups, capturing screenshot for reporting and reusable methods.
- Hands-on experience in **Data-Driven Testing, Cross-Browser Testing**, and **Parallel Testing**.
- Knowledge of **TestNG, Page Object Model (POM), Hybrid Frameworks, Maven**, and automation project execution.
- Skilled in **API Testing** using **Postman**, covering GET, POST, PUT, PATCH, DELETE methods, authentication & authorization, and API response validation.
- Experienced in **Playwright** for modern web automation, enhancing **cross-browser testing, element locator, headless execution, screen recording, and validation commands**.
- Basic exposure to **Jenkins, Git, GitHub, and Postman** for API testing.

TECHNICAL SKILLS

- **Programming:** Java, HTML, CSS, SQL.
- **Automation Testing & Frameworks:** Selenium WebDriver, TestNG, Playwright, Page Object Model (POM), Maven, Grid, Cross Browser, Data Driven Testing.
- **Manual Testing & QA:** Manual Testing, Regression Testing, API Testing, Agile Testing, SDLC & STLC, Test Planning & Execution.
- **Tools & Platforms:** Eclipse, Jenkins, Git/GitHub, Postman.

PROJECTS

1. Factorial – Web App Automation:

Sept – Oct 2025

- Automated end-to-end testing of the Factorial Calculator Web App using **Selenium WebDriver, Java, and TestNG**.
- Designed and executed test cases to validate factorial calculations for various input.
- Implemented **Page Object Model (POM)** for reusable and maintainable code.
- Performed **cross-browser testing, parallel execution**, using TestNG.
- Efficiently handled **test data** and ensured accuracy of factorial results across multiple browsers and input conditions using Data Driven Testing in Excel.

Technologies & Tools: Selenium WebDriver, Java, TestNG, Maven, Page Object Model, Excel, Eclipse

2. Playwright Automation – Modern Web App Testing:

Oct - Nov 2025

- Developed automation scripts for testing the **Automation** Course app using **Playwright** with **Java**.
- Created standalone Java test files to validate key functionalities such as **user registration, login/logout, and course management**.
- Performed testing in **headed mode** with **slow motion execution** for debugging.
- Strengthened understanding of **Playwright locators, synchronization, and browser handling**.

Technologies & Tools: Playwright, Java, Maven, TestNG, Page Object Model (POM), Cross-Browser Testing

INTERNSHIP CERTIFICATION

GrowSkill IT – Software Testing

July 2025 – Nov 2025

- Gained hands-on experience in **Manual & Automation Testing** using **Selenium WebDriver, Playwright, Java, and TestNG**.
- Developed and executed **test cases for functional, regression, and API testing**.
- Worked with **bug tracking, Postman for API validation**, and implemented **POM & Maven frameworks**.
- Participated in **Agile sprint-based projects**, contributing to real-time test execution and reporting.

EDUCATION

B.Sc. Computer Science

2020 - 2023

Gonzaga College Of Arts and Science for Women

CGPA: 8.5