

Sathya Sri K

Quality Assurance Intern

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SUMMARY

Computer Science graduate passionate about software quality with strong knowledge in automation and manual testing. Experienced in identifying, documenting, and tracking bugs using JIRA and TestRail. Familiar with SDLC & STLC, regression, functional, and usability testing. Proficient in Selenium, API testing, and SQL with excellent problem-solving skills and attention to detail.

INTERNSHIP EXPERIENCE

QA Intern, ELGi Equipments Limited, Coimbatore, India

Jan 2023 - Mar 2023

- Automated 50+ UI test cases using Selenium, reducing manual test effort by 40%.
- Developed and executed REST API test scripts using Postman.
- Participated in Agile ceremonies and sprint planning.
- Logged and tracked bugs using JIRA; maintained Test case in TestRail.
- Conducted regression, functional, and usability testing across modules.

EDUCATION

PSGR Krishnammal college for women, Coimbatore, India - Bachelor of Technology, Computer Science - GPA: 8.6/10

May 2022 - Apr 2025

CERTIFICATIONS

Google Foundations of Project Management, Google

Google Data Analytics Professional Certificate, Google

Introduction to Selenium, SimpliLearn

Introduction to Agentic Automation, UiPath

ACHIEVEMENTS

1st Prize – Web Design Competition

Developed Resume Optimizer & JobTech Platform with MySQL Backend

PROJECTS

Test Report Application

- Created a live reporting dashboard using Java and Selenium.
- Enabled real-time tracking of automated test results for QA teams.

Real-Time Gym Management System

- Developed a web-based system using Flask and MySQL to manage gym operations.
- Automated daily alerts and payment tracking features.

Dual-Server Encrypted Search

- Engineered a Java-based searchable encryption tool using cryptographic APIs.
- Secured data queries via dual-server authentication model.

Natural Disaster Prediction

- Built ML models in Python to predict natural disasters using historical datasets.
- Applied data preprocessing and accuracy optimization techniques.

AI Chatbot for Customer Support

- Designed a Python NLP chatbot for automated customer query resolution.
- Included analytics integration for monitoring and feedback improvement.

SKILLS

Testing	: Manual Testing, Automation Testing, Regression Testing, Functional Testing, Usability Testing, Software Testing Life Cycle
Tools	: Selenium, Cypress, Postman, Robotium, JIRA, TestRail
Programming Languages	: Python, Java, JavaScript, C
Database Management	: SQL, MySQL, MongoDB
Development Concepts	: SDLC, STLC, Agile Methodology