

Maria Santhana Preethi

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PROFILE SUMMARY

QA Engineer with hands-on internship experience in Manual Testing and Automation Testing for web applications. Strong knowledge of SDLC, STLC, Agile methodology, and Defect Life Cycle. Experienced in writing and executing test cases, performing functional, regression testing and retesting, developing automation scripts using Python with Playwright. Seeking an entry-level QA / Software Tester role to ensure high-quality software delivery.

TECHNICAL SKILLS

Languages: Python, HTML, CSS, MySQL, MS SQL Server

Frameworks/Tools: Playwright, Selenium, BDD, Git, JIRA, XRAY, Django

Concepts: SDLC, STLC, Agile Methodology

PROFESSIONAL EXPERIENCE

QA Engineer Intern

Broadridge Financial Solution

May 2024 – Mar 2025

Bangalore

- Created and executed 15+ test cases, strengthening defect identification and overall product reliability.
- Developed regression test scripts with Python + Playwright, cutting testing cycles by 40%.
- Improved automation script execution, reducing turnaround time by 25%.
- Leveraged JIRA and XRAY to log, track, and resolve the majority of reported defects within defined timelines.
- Applied SDLC and STLC methodologies to maintain structured and efficient testing workflows

Web Developer Intern

Digital Mesh Soft Tech

Nov 2023-Mar 2024

Kerala

- Enhanced website performance through optimization, achieving faster load speed.
 - Implemented secure authentication and backend logic for ticketing system, reducing resolution time by 20%.
 - Optimized MySQL queries to improve database response time.
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PROJECT EXPERIENCE

Website Manager (WSM)

- Customized websites for financial advisors, delivering 10+ tailored templates per client requirements
- Automated test execution, reducing manual effort by 35%

Ticket Management System

- Built structured models for tickets, users, and roles, enabling reliable ticket creation and updates.
- Upgraded APIs for ticket creation and updates, improving resolution efficiency by 25%

Robust Lane Line Detection

- Built a deep learning model in Python for real-time lane detection with 92% accuracy.
- Applied computer vision techniques to enhance autonomous driving safety.

EDUCATION

Francis Xavier Engineering College

B.E in Computer Science

Aug 2019 – Apr 2023

CGPA-8.3

12th Grade (Board of Intermediate)

Jun 2018 – Mar 2019

Percentage-82

SSC (SSC Board)

Jun 2016 – Mar 2017

Percentage-81
