

Mahalakshmi Musanalli

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PROFILE SUMMARY

Skilled Software Engineer with over **2 years** of experience in Angular, C#.NET, API testing using Cypress, and UI Automation using Selenium. Proficient in automation, debugging and collaborating effectively with cross-functional teams to deliver high-quality solutions. Improved release efficiency and helped reduce post-release defects through stable automation flows. A strong communicator, passionate about full-stack web development, seeking to leverage technical expertise in a dynamic and innovative company.

TECHNICAL SKILLS

Frontend: Angular, Bootstrap, Java, HTML, CSS, JavaScript, TypeScript

Programming languages: Java, Python, C#

Automation Testing Tools: Cypress, Selenium

Databases: SQL, MongoDB

Dev Tools: VS Code, Visual Studio, GIT, Tortoise GIT, Postman, Eclipse, JIRA

EXPERIENCE

Software Engineer | GEP Worldwide, Hyderabad (Hybrid)

Jul 2024 – Present

- Collaborated with a cross-functional team to enhance frontend and UI automation by analyzing existing modules, worked on UI changes that improved release efficiency by **20%**.
- Developed and stabilized Cypress and Selenium automation scripts using efficient XPath strategies, improving test accuracy, and reducing post-release defects.
- Created CRUD APIs, integrated them with Camunda flows, and created and maintained CI/CD pipelines for UI and API automation
- Applied strong API testing skills using Postman and resolved complex issues across frontend and backend systems.

Associate Software Engineer | GEP Worldwide, Hyderabad (Hybrid)

Jun 2023 – Jun 2024

- Focused on resolving UI issues and implementing minor features to maintain consistency, while actively debugging and validating UI functionality through manual testing.
- Demonstrated strong analytical skills by referencing other modules to ensure effective and aligned UI implementations.
- Gained hands-on experience in API automation using Cypress during regression cycles, and built foundational UI automation expertise with Selenium and efficient XPath usage.
- Created and maintained automation pipelines, stabilized test flows, and wrote unit test cases for APIs to support quality and maintainability.

EDUCATION

Bachelor of Technology in Computer Science Engineering

Ravindra College of Engineering for Women

CGPA: 8.11/10.0

Sep 2019 – Mar 2023

Kurnool, Andhra Pradesh, India

PROJECTS

Amazon-Clone

HTML, CSS, JavaScript

[Source Code](#)

- Designed and developed a responsive Amazon-like UI with product listings, header, and cart layout.
- Used core web technologies to build interactive components with clean, structured code.
- Practiced DOM manipulation, responsive styling, and real-world e-commerce UI features.

Portfolio

HTML, CSS, Bootstrap, Responsive web Design, Git

[Portfolio](#)/[Source Code](#)

- Designed and developed a fully responsive portfolio to showcase projects, skills, and contact details.
- Integrated Formspreet to handle contact form submissions without backend logic.
- Deployed the site using GitHub Pages, ensuring easy access and consistent cross-device performance.

Payments Module – P2P System (Internal Project at GEP)

A payment processing system where invoices are batched based on currency and schedule configurations, with global payment integration via Airwallex and supplier KYC workflows.

- Identified and resolved UI issues, implemented UI features, and worked with ag-grid to improve data handling and fix reported bugs.
- Automated API testing with Cypress and UI testing with Selenium, detecting and resolving issues during pre-release validations.
- Developed CRUD APIs for internal features such as debit account creation and environment-to-environment migration of banking/forms data.
- Contributed to KYC initiation flows by supporting features like adding global accounts and investigating integration issues and stabilizing automation scripts for payment flows.

CERTIFICATIONS

- [Introduction to Front End Development](#) - Simplilearn (Aug 2025)
- [MTA: Introduction to Programming Using Python - Certified 2022](#) - Microsoft (2022)
- [GIT GitLab GitHub Fundamentals](#) - Udemy (2025)