TITIXA KAMANI

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Professional Experience

08/24 - Present
Krefeld, Germany

UX Engineer (UXE) Work Student
Fressnapf Holding SE
Europe's leading omnichannel pet care retailer, operating a cross-channel ecosystem of 2,700+ stores and digital services across 15 countries.
- Independently architected and maintain the Order Automation Tool, serving as the sole engineer responsible for the full-cycle transition from stakeholder requirements to production-ready React & Python-Flask architecture.
- Eliminated the 'Design-to-Dev' friction by engineering high-fidelity Figma prototypes and translating them into modular, accessible Front-end components, reducing overall development rework by 30%
- Refactored and optimized the front-end of PetBot(AI-driven testing tool), to improve usability and simplifying test configuration for QA teams, which enabled automation of 100+ complex test scenarios, reduced manual labor, and strengthened overall front-end maintainability.
- Led Stakeholder Requirement Engineering sessions to produce technical roadmaps and iterative UI concepts, ensuring 100% alignment between business goals and final technical implementation.

05/22 - 02/24
Ahmedabad, India

Quality Assurance Engineer
CREST DATA SYSTEMS
Crest Data Systems is a specialized IT services firm that provides engineering and consulting solutions in Data Analytics, Cybersecurity, Cloud, and DevOps for global enterprises.
- Engineered end-to-end test strategies (Functional, Regression, Security, Performance) for O11Y-Splunk-Enterprise, identifying critical bottlenecks in observability workflows.
- Validated complex integrations for Google Chronicle and Jira, ensuring seamless data flow and 100% adherence to enterprise-grade security and functional requirements.
- Accelerated release velocity by 25% by architecting an automated testing framework using Selenium, significantly increasing test coverage and reducing manual regression efforts.
- Optimized Agile delivery by driving Sprint rituals and maintaining centralized technical documentation in Confluence, facilitating smoother handovers during SIT and UAT phases.

01/22 - 05/22
Ahmedabad, India

Quality Assurance Engineer Intern
CREST DATA SYSTEMS
- Streamlined defect lifecycles using Jira for precision tracking and log analysis, cutting down developer turnaround time through high-quality bug reporting and debugging.
- Reduced production escape defects by performing deep-dive backend validation using Postman (API) and MongoDB, ensuring data integrity across distributed platforms.

Education

04/24 - 08/26
Kamp-lintfort, Germany

MSc in Usability Engineering
Hochschule Rhein-Waal

01/18 - 04/22
Rajkot, India

Bachelor Of Technology in Computer Engineering
Marwadi University

Summary

Design Engineer & SDET with a unique blend of UI/UX design, front-end development, and automated quality assurance expertise. Adept at taking products from initial stakeholder wireframes in Figma to full-stack implementation using React and Python-Flask. A proactive problem-solver known for identifying usability gaps and engineering high-performance, automated solutions that reduce manual labor and accelerate release cycles.

Languages

English: Proficient
German: Elementary
Hindi: Native
Gujrati: Native

Technology

Design & Front-End: (UI/UX) Figma Interactive Prototyping, Framer, Miro, ReactJS, CSS, HTML5, User-Centred Design, User Research

Engineering & Automation: Python, Flask, Selenium WebDriver

Quality Engineering: End-to-End (E2E) Testing, API Testing (Postman), Test Planning & Execution, Risk Management, Debugging.

Data & Backend: Atlassian Suite (Jira,Confluence, Bitbucket), Git (GitHub/GitLab), VSCode, MongoDB

DevOps & Tools: MongoDB, Flask (Backend Framework), SQL.

Skills

Strategic Collaboration: Stakeholder Management, Requirement Engineering, User-Centered Design (UCD).

Execution & Ownership: Full-Lifecycle Product Ownership, Analytical Problem Solving, Self-Direction.

Agile & Adaptability: Cross-functional Communication, Technical Documentation, Agile/Scrum Methodology

Certifications

Workflow: Jira & Confluence Fundamentals (Atlassian)

Product & Strategy: Digital Marketing Fundamentals (Google) | Innovation & Emerging Tech (Coursera)

Engineering: Selenium WebDriver with Python & Java (Udemy)