

# KARAN JOSHI

Software Test Engineer



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## Profile

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Software Test Engineer with 3+ years of experience in manual testing and early-stage automation across web, mobile, & kiosk, supported by nearly 12 years of diverse industry experience. Experienced in end-to-end QA ownership including test planning, test case design, regression execution, defect analysis, and release validation. Hands-on experience testing complex SaaS platforms involving workforce management systems, inspection platforms, and gamified marketing products. Currently focusing on Playwright automation frameworks to build scalable UI and automation solutions integrated with CI/CD pipelines.

## Technical Skills

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Testing Methodologies: SDLC, STLC, Test Case Design, Regression Testing, Exploratory Testing, Risk-Based Testing, AI Feature Testing

Automation: Playwright (JavaScript/TypeScript – learning), Appium (mobile automation – learning), Selenium WebDriver (Java + TestNG – exposure)

API Testing: Postman

Performance Testing: Apache JMeter

Tools: Jira, GitHub, Jenkins, GitHub Actions, Google Sheets, Browser DevTools

Platforms Tested: Web Applications, Mobile Applications (Android/iOS), Kiosk Applications, Browser Extensions

Domains: Workforce Management, Inspection & Audit, Gamification-based Lead Generation, E-Commerce, Browser Extension

Communication Tools: Slack, Skype, MS Teams, GChat

## Experience

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### Software Test Engineer

Saeculum Solutions Pvt. Ltd., India

Sept 2022 – Dec 2025

- Led end-to-end QA activities for multiple SaaS products including workforce management systems, inspection platforms, and gamified marketing applications.
- Designed and executed detailed test cases covering functional, regression, and exploratory testing scenarios.
- Executed full regression testing cycles (~2 days) prior to bi-weekly releases ensuring stable deployments.
- Tested complex workforce management modules including employee onboarding, role permissions, shift scheduling, attendance tracking, leave management, payrate configuration, and payroll export integrations.

- Validated kiosk attendance systems integrating hardware technologies including face recognition, QR scanning, geofencing, beacon, and NFC.
- Identified critical defects in offline synchronization workflows where mobile actions conflicted with centralized timesheet data.
- Discovered major system issues during rollout of location-level Daylight Saving Time configuration preventing system-wide time inconsistencies.
- Tested inspection management platforms supporting conditional templates with 100–1500 questions including images, videos, signatures, and GPS data.
- Executed performance tests using Apache JMeter simulating up to 2000 concurrent users to validate application scalability.
- Developed initial Selenium automation scripts for login and shift workflows and currently transitioning toward Playwright automation frameworks.
- Tested Chrome and Edge browser extensions for WhatsApp automation including broadcast messaging, scheduling, auto-reply, and AI translation features.
- Collaborated closely with developers during defect triage and validated production hotfix deployments.
- Tested AI-powered browser extension features including Gemini-based translation workflows, validating accuracy, response behaviour, and UI integration across Chrome and Edge browsers.

### **Intern - QA Tester**

[MakeIN Technologies, India](#)

July 2022 – Aug 2022

Hands-on experience of Website and Mobile App Testing (Manual)

### **Earlier Career Experience**

[Office Management & Administration Roles](#)

Jun 2013 – Jun 2022

## **Project Experience**

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### **Workforce Management Platform**

Tested enterprise workforce management system across web admin portal, Android/iOS mobile apps, and kiosk devices. Validated modules including employee management, role permissions, shift scheduling, attendance tracking, geofencing, face recognition login, offline synchronization, payroll export integration, and DST configuration.

### **Inspection Management Platform**

Tested inspection and compliance management platform supporting large conditional inspection templates (100–1500 questions) with media attachments, location capture, signature capture, and automated reporting.

### **Gamified Lead Generation Platform**

Tested marketing platform allowing businesses to collect leads through interactive games such as scratch-and-win, spin-wheel, and slot machine. Validated campaign analytics dashboards, Stripe billing integration, and integrations with HubSpot, webhooks, SMTP email, Google Sheets, and SMS services.

## Education

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### **Masters of Computer Applications**

Gujarat Technological University, India

July 2009 – Mar 2013

(Incomplete)

### **Bachelor of Computer Applications**

Saurashtra University, India

July 2005 – Oct 2008

### **Higher Secondary School Certificate**

Gujarat Secondary & Higher Secondary Board, India

Mar 2005

## Training/Certification

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### **Software Testing Master Class**

Udemy

July 2022

### **Software Testing - Manual**

MakeIN Technologies, India

Aug 2022

## Languages

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**German:** Level A1 ♦ **English:** Level B2 ♦ **Hindi:** Level C1 ♦ **Gujarati:** Level C1

## Reference

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### **Vishal Mirani [QA Lead]**

Access Microfinance Holding AG, Deutschland

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