

Ishan Hirani

+918262807586 | ishan.hirani.nextgen@gmail.com | linkedin.com/in/ishanhirani | github.com/ishanhirani

SDET with 3.9+ years of experience, specializing in end-to-end application testing, including AI/ML model validation and data integrity checks, with a strong focus on delivering high-quality, reliable applications.

WORK EXPERIENCE - ACCENTURE

Application Development Analyst-ETL data validation, API testing

January 24 – Current

- Led the QA team by designing end-to-end test strategies and Acted as Subject Matter Expert (SME) for critical testing phases, ensuring high-quality deliverables.
- Collaborated with cross functional teams (developers, business analysts) to review SRS documents and design test strategies.
- Developed 50+ Python scripts for data loading, API and performance testing, authored 20+ complex SQL queries for data validation, ensuring data integrity and compliance with business mapping sheet.
- Mentored a team of 3+ junior testers by assigning tasks, conducting weekly knowledge-sharing sessions, and improving bug detection by 30% pre-release thereby reducing production defects.

Application Development Associate- UI Automation, performance testing

October 21 – December 23

- Executed functional testing across the software testing lifecycle (STLC), logged detailed defects in bug tracking systems (JIRA) and collaborated with developers for timely resolution.
- Maintained and automated 80+ test cases for UI validation using XPath locators and Page Object Model (POM), reducing regression effort by 60% and improving test stability to 95%+ pass rate in CI/CD pipelines.
- Conducted performance testing using JMeter and BlazeMeter, identifying bottlenecks that reduced application load time by 66%.
- Developed detailed test cases, maintained bug tracking and performance reports, and actively participated in Agile sprint cycles to ensure timely software releases.

SKILLS SUMMARY

- **Languages:** Python, SQL, Javascript, typescript, C, C++, HTML, CSS
- **Frameworks:** Playwright, Pytest, WebDriverIO, Cucumber(BDD), Pandas, NumPy, Scikit-learn, Matplotlib
- **Other Tools:** Microsoft Office, Git/GitHub, Azure Board, JIRA, ALM, Postman, JMeter, Jenkins, Oracle SQL developer

PERSONAL PROJECTS

Healthcare Recommendation System | Python, Scikit-learn, Flask, Pandas, Html, CSS, JavaScript, pickle - [LINK](#)

Developed Health Mate, an end-to-end web-based healthcare recommendation system which predicts prognosis based on user-inputted symptoms, and provided personalized recommendations for medications, precautions, diet, and workout routines. Validated ML model performance with train-test split (80:20) approach and optimized accuracy using confusion matrix analysis, achieving 92% precision in predictions.

Retail Management Application | Python, SQL, Tkinter, MySQL - [LINK](#)

Developed a GUI based application consisting of user registration, login and billing windows that integrates with MySQL to manage customer and product data, executing queries for data storage, retrieval, and billing operations.

EDUCATION

IIT Jodhpur

Post Graduate Certificate in ML & AI

November 2024 – January 2025

8 CGPA

Gondwana University

Bachelors of Engineering in Computer Science

August 2017 – May 2021

10 CGPA

CERTIFICATIONS

Microsoft Azure Cloud Certifications: - AZ-900, AI-900, DP-900 | Udemy: - SQL Masterclass for data analytics

AWARDS AND ACHIEVEMENTS

GATE Exam 2024 Qualified - 85.23%ile | Accenture Growth Catalyst Award | All India powerlifting championship (silver medal 2022)