

DIVYANSH PATEL

Software QA Engineer

Garhshankar, Punjab | +91 7973293032 | divyanshpatel997@gmail.com | [LinkedIn](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Software QA Engineer with 3.3+ years of experience in Manual, API, Mobile, and AI/LLM product testing. Proficient in web and mobile application testing, cross-browser compatibility, defect life cycle management, and Agile/Scrum delivery, collaborating closely with developers, data scientists, and product teams to ensure high-quality releases.

SKILLS

AI / GenAI Testing: LLM Testing, Generative AI (GenAI) Validation, AI Copilot Output Validation, Prompt-Based Response Testing, AI-Assisted Test Case Generation, Model Output Accuracy Review

Testing & QA: Manual, Functional, Regression, Smoke & Sanity Testing, API Testing, Mobile App Testing (iOS/Android), Cross-Browser & Cross-Device Testing, Test Planning & Execution, Defect Life Cycle Management, Root Cause Analysis

Automation: Selenium, Java, Automated Test Reporting

Cloud & DevOps: AWS (DynamoDB, CloudWatch, S3, SES), Jenkins, CI/CD, GitHub, Azure

Tools & Protocols: Postman, REST API, SOAP API, XML, JSON, DataDog, Azure Boards

Process & Collaboration: SDLC, STLC, Agile/Scrum, Sprint Planning, Cross-Functional Coordination, Technical Documentation

WORK EXPERIENCE

Associate QA Engineer

Entropik | May 2022 – August 2025

Owned manual, UI, and API QA for Entropik's AI-driven research products, Decode and Qatalyst, across the full SDLC/STLC, partnering with Frontend, Backend, Data Science, and Product teams.

- Validated AI copilot outputs and prompt-based responses within Decode and Qatalyst against expected behavior and real user scenarios, confirming model reliability ahead of release.
- Partnered with Data Science and Backend engineers to debug AI copilot issues, tracing anomalies to model behavior vs. application logic and accelerating root-cause turnaround.
- Designed and executed manual and API test plans derived from user stories, covering functional, regression, and exploratory scenarios each sprint.
- Verified data integrity across system workflows via Postman, validating REST and SOAP endpoints handling XML and JSON payloads.
- Built and maintained Selenium automation scripts aligned with product updates, keeping regression coverage current as features evolved.
- Integrated automated test reporting into Jenkins CI/CD pipelines, improving build-health visibility and reducing manual reporting effort.
- Drove the full Agile testing lifecycle from requirement analysis through defect triage and release sign-off, flagging risks during sprint planning.
- Authored test case documentation and bug reports that improved traceability and cross-team knowledge-sharing; mentored interns on Postman, Selenium, and Jenkins.

PROJECTS

Decode — AI-Powered Consumer Insights Platform

Tech: AWS (S3, DynamoDB), Postman, Mobile (iOS/Android), Cross-Browser & Cross-Device Testing

- Validated end-to-end research workflows (study creation, participant onboarding, results generation) and AI-generated outputs (emotion detection, behavioral insights) against expected scenarios.
- Tested eye-tracking and attention heatmaps for accurate gaze-to-UI mapping across cross-browser, cross-device, and mobile (iOS/Android) environments.
- Identified defects tied to data inconsistencies and AI output variance, partnering with cross-functional teams to drive resolution.

Qatalyst — AI-Driven Research & Experimentation Platform

Tech: Selenium (Java), Postman, AWS (S3, DynamoDB), Azure, Mobile (iOS/Android)

- Performed AI copilot testing, validating automated insights and prompt-based responses for accuracy and consistency across research workflows.
- Built and executed Selenium/Java functional and regression suites across web and mobile; tested Figma/InVision prototypes for UI rendering and user-flow accuracy.
- Verified user interaction tracking (clicks, scrolls, journeys) against analytics dashboards; ran AWS data validation and triaged defects in Azure Boards.

EDUCATION

B.Tech, Computer Science & Engineering

Rayat Bahra Institute of Engineering and Nano Technologies | August 2018 – August 2022 | CGPA: 7.13 / 10