

SOHIT KUMAR

SDET / QA Automation Engineer | AI & LLM Testing

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PROFESSIONAL SUMMARY

SDET / QA Engineer with 3+ years of experience at EY Global Delivery Services (EY GDS), specializing in manual testing, Selenium (Python) test automation, REST API testing, and SQL/Cosmos DB validation within Agile and Azure DevOps CI/CD environments. Self-taught in AI/LLM testing and evaluation, including RAG evaluation and hallucination and grounding checks using DeepEval, RAGAS, and G-Eval, with hands-on experience integrating the Claude API/MCP Server with Playwright for AI-driven test automation. Actively transitioning into AI Testing Engineer / QA AI Engineer roles.

CORE TECHNICAL SKILLS

AI/LLM Testing & Evaluation: RAG Evaluation, Hallucination & Grounding Checks, LLM Output Validation, DeepEval, RAGAS, G-Eval, Prompt-Based Test Case Design

Generative AI & Agentic Testing: Generative AI for Test Case Design, Claude API / MCP Server Integration (Playwright + Claude MCP), AI Agents, AI-Driven Test Generation, Self-Healing Test Automation

Test Automation: Selenium WebDriver, Playwright (Python), Page Object Model (POM), Test Framework Design, Functional, Regression, Smoke, Sanity, Integration & End-to-End Testing

Manual Testing: Exploratory Testing, Test Case Design & Execution, Functional & Regression Testing, Defect Identification & Reporting

API & Database Testing: REST API Testing, Postman, Python Requests, HTTP Methods (GET/POST/PUT/PATCH/DELETE), JSON, Authentication Testing, SQL, Cosmos DB

Programming Languages: Python, Java, SQL

DevOps / Tools & Practices: Azure DevOps, Git, GitHub, CI/CD Pipelines, BrowserStack, Agile, Scrum, Sprint Planning, SDLC, STLC, Defect Lifecycle, Root Cause Analysis

PROFESSIONAL EXPERIENCE

EY Global Delivery Services (EY GDS) — QA Engineer / SDET

Aug 2023 – Present

Bengaluru, Karnataka, India

Advanced Analyst

Sep 2025 – Present

- Drive test case design using Generative AI every sprint, reducing planning time and standardizing coverage across releases.
- Pioneered self-taught LLM evaluation practices — RAG evaluation, hallucination and grounding checks — across three evaluation frameworks (DeepEval, RAGAS, G-Eval), now core to validating AI-assisted features.
- Mentor and upskill team members on automation and API testing, directly shaping the team's test framework architecture.
- Enforce quality gates on every pull request by integrating automated test suites into the Azure DevOps CI/CD pipeline.
- Enable earlier defect detection in the SDLC through active participation in sprint planning, story estimation, and retrospectives with developers, product owners, and DevOps engineers.

Analyst

Aug 2023 – Sep 2025

Test Automation Framework Development

- Owned the team's Selenium (Python) automation suites end-to-end, sustaining regression coverage through accelerating release cycles.
- Led functional, regression, integration, and exploratory test design and execution in Azure DevOps across multiple product releases.
- Safeguarded release quality by executing manual test cases — functional, regression, smoke, sanity, exploratory — ahead of every deployment.

API & Database Test Automation

- Engineered REST API test frameworks with Postman and Python Requests, covering all 5 core HTTP methods (GET/POST/PUT/PATCH/DELETE), request/response payloads, JSON structures, status codes, and headers across multiple microservices.
- Strengthened release confidence by running positive, negative, and boundary tests on APIs ahead of every deployment.

- Streamlined regression and integration runs by organizing Postman Collections with environment variables across 3 environments (test, staging, production).
- Safeguarded data integrity by writing SQL queries against Cosmos DB to verify consistency across the UI, API, and database layers.

Cross-Browser Testing & Defect Management

- Delivered consistent UI/UX by testing across 4 major browsers (Chrome, Firefox, Safari, Edge) — desktop and mobile — using BrowserStack.
- Drove root cause analysis alongside development teams by logging and tracking defects through the full defect lifecycle in Azure DevOps.

KEY ACHIEVEMENTS

- Promoted from Analyst to Advanced Analyst within approximately 2 years, reflecting strong technical growth and delivery ownership.
- Recognized as a quality-first contributor in Agile teams for proactively identifying defects early through exploratory and risk-based testing.
- Achiever Extraordinaire Award
- Spot Award
- Extraordinaire Award

CERTIFICATIONS & CONTINUOUS LEARNING

- API Testing with Python & Postman
- AI Agents & LLM Integration (Self-Initiated)
- AI/LLM Testing & RAG Evaluation Fundamentals — DeepEval, RAGAS, G-Eval (Independent Study)
- Azure DevOps — Test Management & CI/CD

EDUCATION

B.Tech in Computer Science Engineering

2019 – 2023

Institute of Technical Education and Research, Bhubaneswar