CHOWDA REDDY N

QA Engineer — Manual & Automation Testing — API & SQL Validation
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Summary

QA professional with nearly two years of Oracle experience in functional and regression testing, API/SQL validation, and Java/Selenium automation. Supported approximately eight releases, extended reusable framework methods, and enabled parallel test execution. Identified and coordinated correction of 40 unpublished APIs in product documentation, combining detailed investigation with cross-functional collaboration to improve software quality.

Experience

Oracle India Pvt. Ltd. 01/2025 – Present
QA Analyst 1 – Product Development *Bengaluru*

- Validated **Payments, Tax, VAT, and customer/order workflows** through feature testing and regression cycles, using **SQL queries and API checks** to investigate discrepancies in application behaviour and data.
- Supported approximately **eight releases**, executing around **40 critical regression cases per release**; worked with Development and Product teams to investigate issues and confirm fixes.
- Extended existing automation framework code with reusable methods for **API requests, test data, customer creation, order creation, and order-summary validation**, enabling reuse across business-flow scripts.
- Developed **10–15 Java/Selenium scripts** (estimated **15–20% of team scripts**); configured parallel execution, reducing estimated runtime for my script batch from about **60 minutes to 5–10 minutes**.
- Identified **40 unpublished APIs** in OpenAPI specifications and product documentation; coordinated their removal until publication and resolved a discrepancy spanning roughly four releases.
- Designed a **custom Codex workflow** to turn Jira requirements and related bugs into test cases and automation, then execute scripts and validate results.

Allied Market Research 03/2024 – 06/2024
Research Analyst *Remote*

- Conducted quantitative and qualitative research for **60+ industry reports**, synthesizing market trends and insights to support strategic decision-making.
- Built dashboards and visualizations that reduced reporting time by approximately **30%**, turning research data into accessible insights for decision-making.

Core Skills

Testing: Functional Testing, Regression Testing, Test-Case Design, Defect Investigation, Fix Verification
Automation: Java, Selenium WebDriver, TestNG, Reusable Methods, Parallel Test Execution
API & Data: REST APIs, Postman, SoapUI, OpenAPI, Oracle SQL, MySQL
Tools & Collaboration: Jira, Git/GitHub, Codex, Requirements Review, Release Validation
Project Technologies: Spring Boot, React, TypeScript, Docker, GitHub Actions, Python

Technical Projects

ReleasePilot – Release Quality Management Platform
GitHub Repository — View Live Demo

- Built a **release-quality workspace** linking requirements, test cases, execution evidence, and defects; used Java/Spring Boot and React/TypeScript to make coverage and release risks visible.
- Implemented explainable **GO/NO-GO rules** for blockers, missing coverage, and pass rates below 90%; added AI-assisted test drafts with human approval, workflow tests, and Docker/GitHub Actions configuration.

Breast Cancer Classification – College Team Project (2025)
GitHub Repository — View Live Demo

- Led a **two-person college project with equal contributions**, sharing code implementation, review, and deployment for histopathology classification using a custom CNN and ResNet50 in TensorFlow/Keras.
- Contributed to code review and deployment of the **Streamlit demonstration**; project includes augmentation, class weighting, model evaluation, and **OpenCV sample-image inference**.

Education

GITAM University Graduated 2025
Bachelor of Technology – Computer Science and Engineering *CGPA: 8.7/10*

Certifications

Oracle Generative AI Professional; Oracle AI Foundations Associate; Google Project Management Professional.

Achievements

- **2nd Place**, Code-A-Thon, GITAM University (150+ teams).