

# Jeni J

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## Summary

As a Gen AI Tester, I design and execute comprehensive test strategies for LLMs, image generators, and multimodal systems, focusing on evaluating model output quality across various scenarios. My experience includes creating and maintaining test cases and prompt libraries, performing manual and automated testing of Gen AI APIs, and validating input/output behavior. I collaborate with engineering teams to implement evaluation frameworks, track key performance metrics, and conduct fairness, bias, and safety testing to ensure ethical and regulatory compliance. I am adept at documenting issues and contributing to root cause analysis, ultimately driving model improvement and optimization.

## Skills

Test Strategy Design | Test Case Creation | Prompt Engineering | Manual Testing | Automated Testing | API Testing | Model Evaluation | Performance Metrics Analysis (BLEU, ROUGE, Perplexity) | Bias Detection | Toxicity Analysis | Root Cause Analysis | Collaboration | Communication | Documentation | Problem Solving

## Education

JUNE 2019 - APRIL 2020

**USP Matric Higher Secondary School, TENKASI - High school**

- Secured 73% Score in High School

AUGUST 2020 - APRIL 2024

**Chennai Institute of Technology - Bachelor of Electrical and Electronics Engineering**

- Achieved an 8.42 CGPA in academics

## Experience

MAY 2024 - FEBRUARY 2025

**Techigen**

- Developed test strategies and prompt libraries for Gen AI models.
- Conducted manual and automated testing of APIs and chatbots.
- Tracked model performance metrics and documented issues with dev teams.

## Certificates

AI Whisperer Certification, By Google AI

## Projects

### LLM Lighthouse

This project builds a comprehensive dashboard that visualizes key performance indicators for a suite of LLMs, including metrics for factual accuracy, coherence, and bias. It allows testers to quickly identify regressions and areas needing improvement across different model versions and prompts.

### Bias Buster Bot

This project creates an automated system that analyzes Gen AI model outputs for potential biases across various demographic groups and scenarios. It highlights problematic trends and provides actionable insights for mitigating unfair or discriminatory outputs.

### The Prompt Playground

This project develops an interactive platform where testers can experiment with different prompts and evaluate model responses in real-time. It facilitates efficient exploration of model capabilities and the identification of edge cases or unexpected behaviors.

### Hallucination Hunter

This project aims to detect and quantify hallucinations in LLM-generated text by cross-referencing outputs with a verified knowledge base. The system flags instances where the model produces factually incorrect or fabricated information, helping to improve model reliability.