

# NAVEEN K

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 NAVEEN K - Tosca Automation Test Lead

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## Professional Summary

Tosca Automation Test Lead with nearly 5 years of experience in BFSI applications, driving automation delivery and client engagement. Proficient in Tosca framework design, DEX integration, and AI-based testing. Contributed to **Wipro's GenAI Accelerator PoC**, leading tool evaluations using **Katalon** and **Playwright** in client environments. Skilled in **MCP server orchestration**, CI/CD integration, and automation strategy. Delivered 50+ releases with zero client escalations and consistent stakeholder satisfaction.

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## Experience

### Wipro Ltd | Senior Project Engineer – Tosca Automation / Test Lead

#### Dec 2024 – Present

- Led PoCs for **Katalon**, **Playwright**, and **GenAI Accelerator**, driving enterprise QA modernization.
- Executed GenAI-enabled PoC for a BFSI client, showcasing AI-assisted test case generation.
- Collaborated with Wipro's **AI CoE** to align outcomes with client test strategy.
- Managed **MCP server execution clusters** for efficient distributed testing.
- Enhanced Tosca's **DEX and Vision AI** modules, minimizing manual regression.
- Directed task planning, reporting, and stakeholder communication.

### Wipro Ltd | Test Engineer (Automation Tester)

#### Mar 2021 – Dec 2024

- Automated **335+ test cases** using Tosca, achieving 96% coverage in 1.5 months.
- Reduced execution time from **15 days to 1.5 days** across BFSI projects.
- Delivered automation across **five banking applications** with full release stability.
- Recognized with **Atlas Award** and multiple client appreciations.

## Wipro Ltd | Test Engineer (Entry Level)

**Nov 2020 – Mar 2021**

- Owned testing for two key banking applications with flawless release delivery.
  - Developed a **Python–Selenium–Helium framework** improving test reusability.
  - Awarded **Bright New Talent Award** for early-stage excellence.
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## Key Projects

### Banking Domain – QA Automation | Nov 2020 – Present

- Tosca QA Lead during major **banking merger program**.
- QA representative for **First Access (SailPoint)** ensuring zero release escalations.
- Migrated manual suites to Tosca automation and optimized regression cycles.

### GenAI-Powered Automation PoC | Wipro Accelerator

**Apr 2025 – Oct 2025**

- Executed AI-driven PoC comparing **Tosca, Katalon, and Playwright**.
  - Deployed automation on **MCP servers**, cutting runtime significantly.
  - Presented outcomes leading to production-level pilot approval.
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## Technical Skills

- **Tosca** – Framework design, DEX, Vision AI, regression automation.
  - **GenAI Tools** – Wipro GenAI Accelerator, Google Vertex AI.
  - **CI/CD** – Jenkins, Jira, BitBucket.
  - **MCP Servers** – Setup, orchestration, runtime management.
  - **Playwright (L1), Katalon**, Selenium (Python), MySQL.
  - **Basic:** Postman, AWS, Salesforce.
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## Education & Certifications

- **M.Tech, Software Systems**, BITS Pilani (2021–2024)
  - **B.Sc, Mathematics**, Patrician College, Chennai (2017–2020)
  - **Tosca Product Consultant (2024)**
  - **Katalon Expert (2025)**
  - **Playwright L1 (2025)**
  - **(Ongoing) Wipro GenAI Accelerator Program**
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## Achievements & Interests

- **Awards:** Bright New Talent, Atlas Award, multiple client recognitions.
  - **Chess Enthusiast:** District-level player and college team captain.
  - Passionate about AI-led testing innovation and DevOps integration.
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## References

- **Maridi Lova Raju Addepalli**, Project Manager, Wipro – [Maridi.addepalli@wipro.com](mailto:Maridi.addepalli@wipro.com)
- **Ankita Narain**, Business Analyst, Wipro – [Ankita.narain@wipro.com](mailto:Ankita.narain@wipro.com)