

CONTACT

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LOCATION

Namakkal, India

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PORTFOLIO

kannanprofile.vercel.app

EDUCATION

B.Tech - Information

Technology

Muthayammal Engineering
College
2024 Graduate

TECHNICAL SKILLS

Automation & Testing

Python, Playwright, Selenium

API & Tools

Postman, REST APIs, JSON

Workflow

n8n, Git

CERTIFICATIONS

Java Programming

Terv Academy

AI Fundamentals

NPTEL

Kannan P

AUTOMATION TESTER | QA ENGINEER

Detail-oriented **QA Engineer** with 2 years of experience specializing in test automation and quality assurance. Expert in building scalable test frameworks using **Python** and **Postman**. Proven track record in extensive mobile and API testing for production-grade applications. Passionate about leveraging LLMs to accelerate development and testing lifecycles.

PROFESSIONAL EXPERIENCE

QA Engineer

Mongrov Inc

May 2024 – Present

- Test Strategy & Automation:** Engineered comprehensive API test suites in Postman (REST), ensuring strict backend stability and data integrity.
- Optimization:** Standardized regression testing logs and documentation, significantly reducing defect triage time.
- Collaboration:** Collaborated closely with design teams on Figma reviews to ensure 100% UI fidelity in implementation.

Key Project Contributions at Mongrov:

Vertiv Field Service Application

Executed end-to-end testing for a mission-critical field service app across Mobile, Web, and Collaboration platforms. Led production release validation to ensure zero critical bugs post-deployment.

MOBILE TESTING • WEB • PRODUCTION RELEASE

Ziva One Smart Ring

Validated complex health data payloads (Sleep, Blood Sugar, Temp) for a smart ring. Verified production data accuracy and app responsiveness under load.

WEARABLE TESTING • HEALTH DATA • PRODUCTION VALIDATION

Tracking Tag Devices

Performed high-precision geolocation testing (Lat/Long accuracy) for tracking tag devices, ensuring reliability in varying network conditions.

GPS • LOCATION SERVICES • DEVICE TESTING

Internal Tools Automation

Developed Python/Selenium scripts to auto-download 24+ daily logs (saving 5 hrs/week). Built a custom Log Parser to automate error reporting.

PYTHON • SELENIUM • EXCEL AUTOMATION

PERSONAL PROJECTS

LLM-Assisted Mobile Application

Designed and developed a functional mobile app prototype using **LLM-assisted code generation tools**. Demonstrated the ability to rapidly bridge the gap between concept and code, implementing modern UI patterns and logic with high efficiency.

MOBILE DEV • LLM TOOLS • RAPID PROTOTYPING