

## CONTACT

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Namakkal, India

LinkedIn Profile

## EDUCATION

### B.Tech - IT

Muthayammal Engineering  
College  
2024 Graduate

## EXPERTISE

### Automation

Python, Playwright,  
Selenium, Pytest

### API Testing

Postman, REST APIs, JSON

### Workflow

n8n, Git, CI/CD Concepts

### Mobile & AI

AI-Assisted Dev, Figma

## CERTIFICATIONS

Java Programming  
Terv Academy

AI Fundamentals  
NPTEL

# Kannan P

## AUTOMATION TESTER | QA ENGINEER

Dedicated **QA Engineer** with **2 years of experience** in software testing and automation. I specialize in building robust test frameworks using **Python** and **Postman**, and automating complex workflows with **n8n**. Passionate about leveraging AI tools to accelerate development and ensuring high-quality mobile and web applications.

## PROFESSIONAL EXPERIENCE

### QA Engineer | Mongrov Inc

May 2024 – Present

- API Testing & Automation:** Engineered comprehensive test suites in **Postman**, executing rigorous validation (GET/POST/PUT/DELETE) to ensure backend stability.
- End-to-End Validation:** Conducted strict data integrity checks between frontend and backend systems, verifying alignment with API documentation.
- UI/UX Verification:** Partnered with design teams on **Figma** to validate screen flows, ensuring pixel-perfect implementation of functional requirements.
- Process Optimization:** Standardized test documentation and execution logs, significantly improving defect tracking and regression efficiency.

## KEY PROJECTS

### AI-Powered Mobile App Development

Tech: Mobile Development, AI Code Generation Tools

- Designed and developed functional mobile applications by leveraging advanced **AI-assisted tools** to accelerate the coding lifecycle.
- Rapidly implemented modern UI/UX and complex business logic, demonstrating the ability to adapt to cutting-edge development workflows.

### Log File Downloader Automation

Tech: Python, Selenium

- Developed a Python automation script to handle the daily downloading of 24+ log files from the Collab FSM portal.
- Impact:** Eliminated manual repetitive work, saving the team approximately **5 hours per week**.

### Error Log & Payload Analyzer

Tech: Python, Pandas, Excel Automation

- Built a custom parser to scan large log datasets, identifying specific error patterns and payload anomalies.
- Automated the generation of structured Excel reports, reducing analysis time and improving defect visibility for developers.