

ASHISH DAS

Automation Engineer | Software Testing | Python | AI Enthusiast

+91-9891918868

07.ashishdas@gmail.com

LinkedIn

NewDelhi, India

<https://github.com/07-ashishdas>

Professional Summary

Automation Engineer with hands-on experience in industrial automation, software testing, and operations management. Strong foundation in Python, automation testing, and AI-driven workflow optimization. Proven ability to improve system efficiency, ensure compliance with quality standards, and deliver reliable technical solutions.

Technical Skills

- **Programming:** Python, SQL (Basic) Learning
- **Testing:** Manual Testing, Functional Testing, Performance Testing
- **Automation:** Industrial Automation, Test Automation
- **AI/ML:** Image Processing, Basic Machine Learning
- **Libraries:** OpenCV, NumPy, Pandas
- **Tools:** Git, VS Code, Postman
- **Operating Systems:** Windows, Linux (Basic)

Professional Experience

Automation Engineer

Jan 2025 – Present

HYC Technologies Pvt. Ltd., India

- Performed industrial automation testing to validate system performance, safety, and reliability.
- Automated repetitive testing tasks, reducing testing time by **35%**.
- Assisted in deploying automation solutions to improve operational productivity.
- Collaborated with engineering teams to troubleshoot system-level issues.

Assistant Operations Manager

Oct 2024 – Feb 2025

83D Network Pvt. Ltd., New Delhi

- Coordinated cross-functional teams to streamline daily operations.
- Implemented AI-based tools to optimize workflows, reducing operational costs by **20%**.
- Analyzed operational data to support strategic decision-making.
- Improved process efficiency through automation and task prioritization.

Incharge – Customer Service & Compliance

May 2023 – Nov 2024

Planet Electro Labs, Delhi

- Managed customer service operations and regulatory compliance processes.
- Conducted product performance testing and prepared detailed technical reports.
- Handled BIS portal documentation and approval procedures.
- Ensured products met national quality and safety standards, improving compliance by **25%**.
- Achieved **95%** customer service resolution rate.

Projects

AI EYE – Computer Vision Project

- Developed using Python and OpenCV.
- Implemented image processing techniques for automation-based vision tasks.
- Designed to detect and analyze visual patterns for industrial use cases.

HYC Packline Tester – Apple Battery Testing Project

- Executed at NVT Manesar for X3n54 in 2025 and X4n63 in 2026.
- Automated testing of Apple batteries to ensure quality and reliability.
- Integrated with industrial packline systems for efficient workflow.

HYC Volchock – PCM Testing Automation Machine

- Developed an automated system to test PCMs used in battery packlines.
- Ensured accuracy and efficiency in quality checks of battery components.
- Reduced manual intervention and improved production throughput.

Certifications

- Python Programming Essentials – Rice University
- The Bits and Bytes of Computer Networking – Google

Education

Bachelor of Technology (B.Tech) – Computer Software Engineering
Omdyal Group of Institutions

2019 – 2023

Languages

- English – Professional Proficiency
- Hindi – Native