

Contact

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Top Skills

Dashboard Development
Applied AI
Data Analysis

Shilpanshu .

Assistant Manager – R&D | Computer Vision • Automation • Applied ML | Manufacturing & Apparel Tech
New Delhi, Delhi, India

Summary

Assistant Manager – R&D with hands-on experience in computer vision, automation, and manufacturing analytics. Built ML-based video analysis pipelines, automation scripts, and dashboards for real production use cases. Skilled in Python, OpenCV, and applied ML. Interested in roles focused on practical AI and automation in manufacturing and apparel technology.

Experience

Apparel 4.0 Technologies Pvt. Ltd.

Assistant Manager R&D

June 2025 - Present (7 months)

Delhi, India

Designed and experimented with computer vision and ML-based video analysis pipelines for manufacturing and apparel industry use cases.

Built Python automation scripts to process production data, videos, and reports, reducing manual analysis effort.

Developed analytical dashboards and structured reports to support operational and R&D decision-making.

Worked to translate real-world manufacturing problems into scalable technical solutions.

Conducted rapid prototyping, testing, and iteration of AI/ML models for feasibility in production environments.

Graduation Project

Developer

January 2025 - April 2025 (4 months)

New Delhi, Delhi, India

Developed a Virtual Try-On (VTO) system as part of final-year project using computer vision and 3D/AR concepts.

Worked on garment visualization, user interaction, and experimentation with real-time try-on workflows.

Project focused on bridging fashion technology and applied computer vision for practical use cases.

Freelance

Graphic Designer

June 2022 - November 2024 (2 years 6 months)

New Delhi, Delhi, India

Worked with digital assets, visual communication, and client requirements.

Developed strong stakeholder communication and delivery discipline.

PlayKar Digital

Digital marketing consultant

September 2023 - September 2024 (1 year 1 month)

Delhi, India

VAMANI OVERSEAS PRIVATE LIMITED

Apparel Internship Trainee

June 2024 - July 2024 (2 months)

Noida, Uttar Pradesh, India

JINDAL WORLDWIDE LTD

Textile Internship Trainee

June 2023 - June 2023 (1 month)

Gujarat, India

Education

National Institute of Fashion Technology Delhi

Bachelor's of Fashion Technology, Fashion Technology · (August

2021 - August 2025)

De Nobili School

· (March 2006 - March 2018)