

Tanishq Jain

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3pt]Pune, India2pt]AI/ML Engineer | Data Analyst | Full-Stack Developer

Professional Summary

Innovative and analytical AI/ML Engineer with experience in delivering scalable AI solutions and translating complex data into actionable insights. Committed to integrating intelligent systems into practical applications such as interior enhancement, natural language processing, and financial analysis. Adept at navigating the complete AI/ML development cycle with a solution-driven mindset.

Skills

Technical: Python, Java, C, MySQL, Flask, React.js, Scikit-learn, OpenCV, TensorFlow, PyTorch, Power BI, Git, DAX
ML/AI: Computer Vision, NLP, GANs, Transformers, Predictive Modeling, Deep Neural Networks
Tools: VS Code, Google Colab, MS Excel, Google Sheets, Jupyter Notebooks
Soft: Verbal Communication, Leadership, Strategic Thinking, Adaptability

Experience

AI Intern – Interior Design Automation Mar 2025 – May 2025
Remote Role

- Developed an AI-driven pipeline (YOLOv8, CycleGAN, Pix2Pix) to minimize visual clutter by 40%.
- Deployed real-time enhancement platform using Flask with a React.js interface.
- Boosted interior layout precision, cutting redesign needs by 60%.

ML Intern – ShabdSaar Sanskrit NLP Project Jan 2025 – Feb 2025
Remote Role

- Reached 85% BLEU score via Transformer with Attention-based architecture.
- Streamlined data cleaning and transformation, reducing errors by 30%.

Data Analytics Trainee – OTT Dashboard Sep 2024 – Nov 2024
Academic Engagement

- Constructed Power BI dashboards with calculated measures and KPIs using DAX.
- Enhanced decision-making efficiency for digital content by 25%.

Key Projects

Interior Design AI System – YOLOv8, CycleGAN, Pix2Pix, Stable Diffusion
End-to-end system for refining interior visuals in real time; achieved FID: 0.072 and IS: 5.07.

ShabdSaar: Sanskrit Translator – TensorFlow, React.js, NLTK
Implemented Transformer-based pipeline translating 10,000+ English phrases to Sanskrit.

OTT Performance Dashboard – Power BI, DAX
Crafted analytics dashboard with interactive visuals to support viewer recommendation logic.

Smart Attendance System – OpenCV, Google Sheets API
Automated attendance tracking using facial recognition and real-time cloud updates.

Loan Approval Predictor – Scikit-learn
Built ML model with 91% prediction accuracy using logistic regression and ensemble techniques.

Education

B.Tech – Artificial Intelligence and Machine Learning

Symbiosis Institute of Technology, Pune

2022 – 2026

HSC (PCM)

Vandana Convent School

2020 – 2022

SSC

Vandana Convent School

2010 – 2020

Certifications & Achievements

- **MATLAB (2023):** Computer Vision Onramp
- **2nd Place:** National Cyber Techno Fest – Asist Wahan 2K25
- **Coursera:** Deep Learning Specialization (In Progress)

Languages & Work Eligibility

Languages: English (Fluent), Hindi (Fluent)

Work Authorization: Eligible to work in India and open to relocation

Leadership & Extracurriculars

- Volunteer – Reform Social Welfare Foundation
- Finalist – National Dodgeball Championship (2019–2020)
- Gold Medalist – State Wushu Championship (2016–2017)
- Competitive Esports Participant – PUBG Mobile (Semi-Professional)