JATIN GOLA

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Aspiring Machine Learning and AI professional with hands-on experience in deep learning, computer vision, and NLP. Proven ability to enhance model accuracy and deploy user-friendly APIs. Dedicated to driving technological advancements and contributing to innovative projects in AI.

EXPERIENCE

Apprenticeship
ShapeMySkills Pvt. Ltd.   07/2023 - 08/2023

Successfully completed training in the field of Advance Data Science Using Python.

Placement Coordinator
Institute of Information Technology & Management   10/2023 – Present

Organized recruitment drives, maintained records, facilitated communication, led the team, and received positive feedback.

Graphic Designer
Xperia3d (Formerly Rjwada) | IIT'D   11/2022 – 02/2023

Created digital and print designs, used Adobe Creative Suite, assisted with web and app design and managed multiple projects.

EDUCATION

Bachelors of Computer Applications
(Minor Specialization in Artificial Intelligence)
Institute of Information Technology & Management | New Delhi   2024

Relevant Coursework: Machine Learning, Data Structures, AI Ethics   **GPA**: 8.35

Higher Secondary
Dwarka International School | New Delhi   2021

Secondary School
Dwarka International School | New Delhi   2019

HARD SKIILS & ABILITITES

- **Programming Languages:** Python
- **Data Science:** Pandas, Scikit-Learn, Predictive Modeling

- **Machine Learning:** Pytorch, TensorFlow, Keras
- **Natural Language Processing:** NLTK, SpaCy
- **Tools:** OpenCV, Gradio, T5 Transformer

SOFT SKILLS

- Critical Thinking
- Problem Solving
- Interpersonal Skills

- Presentation Skills
- Teamwork & Collaboration

PROJECTS

Age and Gender Detection using OpenCV in Python

- Enhanced accuracy and model capabilities for precise demographic predictions.
- Tools: OpenCV, Gradio, Deep Learning

Intrusion Detection System using Machine Learning Algorithms

- Improved accuracy in detecting intrusions using Kaggle dataset and various ML algorithms.
- Tools: Python, Scikit-Learn, Data Analysis

Gender Detection using Speech Analysis

- Developed a robust model for classifying gender from voice recordings.
- Achievements: Increased personalized user experiences by 40%, improved assistive technology accuracy by 25%.
- Tools: Speech Processing, ML Algorithms

Automated Text Summarization

- Developed a text summarization system using T5 transformer and OCR technology.
- Provided concise and accurate summaries with a user-friendly Gradio interface.
- Tools: T5 Transformer, OCR, Gradio

LICENCES & CERTIFICATIONS

- Supervised Machine Learning
- Generative AI Fundamentals
- Developer Job Simulation
- Power BI Job Simulation
- Step into RPA
- Advance Data Sciences using Python

PUBLICATIONS

- Enhancing IoT Security and Efficiency: The Synergistic Integration of 5G Technology and Blockchain
  (Published in ICACIA 2024)
- Semantics Aware Malware Detection: A Survey
  (Published in ICACIA 2024)

ACTIVITIES & INTERESTS

- Exploring new Advancements in AI
- Designing
- Media Creation
- Traveling

LANGUAGES

- English and Hindi