# Ahmad Hassan Akhtar Chughtai

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## PROFESSIONAL SUMMARY

Applied Machine Learning professional with 1.5 years of experience developing AI-driven solutions, leveraging frameworks like PyTorch and Hugging Face to deliver efficient and impactful results. Proficient in developing and implementing machine learning models and algorithms, with a focus on scalable AI solutions.

## SKILLS & COMPETENCIES

Python, TensorFlow, PyTorch, HuggingFace, LangChain, OpenCV, Tesseract OCR, Llama3 Vision, Jupyter Notebook, Google Colab, ElevenLabs, Flask, FastAPI, NumPy, pandas, scikit-learn, SQL, algorithms, data preprocessing, model evaluation metrics, feature selection, NLP, CV, classification, regression, clustering

***Skills to Develop for Machine Learning Engineer:*** *scikit-learn, pandas, NumPy, data preprocessing, model evaluation metrics, feature selection, GCP, Azure*

## PROFESSIONAL EXPERIENCE

**Applied Machine Learning Engineer | FastNexa Pvt Ltd**

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- Developed a real-time face tracking and auto-capturing system for attendance utilizing Flask and Flutter.
- Implemented an emotion-aware object-face analyzer for non-real-time systems.
- Leveraged Hugging Face, LangChain and RAG applications in multiple AI-driven solutions.
- Utilized OCR techniques for ID/passport text extraction, contributing to ATS solutions.

## PROJECTS

**Smart Application Tracking System (ATS)**

**[Technologies used]**

- Engineered an ATS that calculates job-resume compatibility using keyword matching.

**OCR-Based ID Card & Passport Text Extraction**

**[Technologies used]**

- Leveraged Llama3 Vision 11B for extracting text from official documents with high accuracy.

**SnapAttend – Real-Time Face Tracking**

**[Technologies used]**

- Created an automated attendance tracking system using Flask (backend) and Flutter (frontend).

## EDUCATION

**BSCS**

*University of Engineering and Technology, Lahore | 2024*

## CERTIFICATIONS

• {'name': 'Artificial Intelligence', 'year': 'Feb 2024', 'institution': 'Corvit System Lahore (Akhuwat Project)'}

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## RECOMMENDATIONS FOR MACHINE LEARNING ENGINEER

→ Revise the summary to include specific achievements and quantifiable results using action verbs.

→ In the 'Experience' section, use the STAR method (Situation, Task, Action, Result) to describe responsibilities and highlight accomplishments with metrics.

→ Add quantifiable results and technologies used to each project description.

→ Add GPA to the Education section.

→ Explicitly list 'scikit-learn', 'pandas', 'NumPy' and 'data preprocessing', 'model evaluation metrics' and 'feature selection' within the skills section.