**Abubakar Bilal**

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**Career Objective**

Final-year BSAI student aiming to apply machine learning and software engineering skills to develop practical AI solutions. Seeking an internship or entry-level role to contribute to real-world projects and continue learning.

**Education**

Bachelor of Science in Artificial Intelligence (BSAI), FAST University — Final Year

O-Levels – LACAS

A-Levels – LACAS

**Skills**

• Python (NumPy, Pandas)

• Machine Learning & Deep Learning (scikit-learn, PyTorch)

• Data Analysis & Visualization (Matplotlib, Seaborn)

• SQL & Data Management

• Git & Version Control

• Model Evaluation and Experimentation

**Experience / Internships**

No formal internships yet. Open to internship opportunities.

**Projects / Research**

Text-to-Speech for Roman Urdu Diary (Coqui TTS) — Converted Roman Urdu diary entries into natural-sounding audio. Implemented preprocessing and fine-tuned an open-source TTS model. Tools: Python, Coqui TTS, Librosa.

Alpha-Beta Pruning for Chess Endgame (KQ vs K) — Implemented minimax with alpha-beta pruning to find optimal mate sequence in King+Queen vs King endgame. Tools: Python.

**Achievements / Extracurricular Activities**

• Multiple course projects and lab demonstrations in AI-related subjects

**References**

Available upon request.