Name:
Muhammad Soban

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Career Objective / Profile:

Focused on AI and software development, with experience in Python, C++, and full-stack technologies. Skilled in problem-solving, bridging theory with practical implementation, and quickly learning complex technical concepts.

Education:
Bachelors in Artificial Intelligence (BSAI), FAST NUCES, (2023-ongoing)
Relevant Courses: Programming for Artificial Intelligence (PAI), Artificial Intelligence (AI), Machine Learning (ML)
GPA: 3.57 / 4.0

Skills:
1. Programming & ML**:** Python (PyTorch, Keras, LangChain), C++ (data structures, Eigen), Full-stack (React, TypeScript, Tailwind)
2. AI & Data**:** Machine Learning & AI (RAG systems, NLP, text classification, vector databases), Data processing & visualization (NumPy, Pandas)
3. Tools & Workflow: Workflow automation (n8n), Git/GitHub, basic API integration
4. Soft Skills: Problem-solving, analytical thinking, attention to detail, independent learning, clear documentation

Experience / Internships:
No Formal Experience

Projects / Research (if applicable):
1. RAG & Agentic AI Models, 2025
   - Objective: Develop intelligent systems for efficient knowledge retrieval and response generation.
   - Outcom e: Achieved improved information retrieval and dynamic response capabilities.
   - Tools: Python, PyTorch, LangChain
2. Multi-Label & Regression MLP Framework, 2025
   - Objective: Build a flexible neural network supporting multiple prediction types.
   - Outcome: Successfully implemented classification, multi-label, and regression tasks with custom metrics and batch handling.
   - Tools: CPP, Eigen
3. Street Fighter LSTM Bot, 2024
   - Objective: Train a model to emulate character actions in gameplay.
   - Outcome: Developed an LSTM-based AI capable of predicting and performing character moves.
   - Tools: Python, PyTorch

Achievements / Extracurricular Activities:
1. Coding Competition Participation — 2023
   - Participated in a university coding competition, applying problem-solving and programming skills.
2. Dean's Certificate of Achievement — 2023–2025
   - Received 3 times for academic performance and/or project excellence.