



KHUSHBAKHT KHAN

SOFTWARE ENGINEER

PERSONAL INFO

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SKILLS:

- N8N, Zapier, Make.com
- Transformers (Hugging Face / OpenAI)
- LangChain
- NLP & LLMs
- React / Next.js
- Visualization (Power BI / Chart.js)
- FastAPI
- SQL / MongoDB
- Python

CERTIFICATIONS:

- Engineering Possibilities Programme - Unilever
- React Js Basic - Hacker Rank
- Python for Data Science, AI and Development - IBM
- Web Animation - GDSC / MLSA
- Python, Data Science and Machine Learning - AIC

PUBLICATIONS

- Role of Blockchain and NFTs in Industry 5.0
- Comparative Analysis of CNN and LSTM
- Image Caption Generator (Captionify)

EDUCATION

- **NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY, KARACHI**

Bachelors in Software Engineering
CGPA: 3.78 | (Nov'21-Jun '25)

- **ST. LAWRENCE GOVERNMENT DEGREE GIRLS COLLEGE, KARACHI**

XII (HSC)
95% | 2021

- **LITTLE FOLKS SCHOOL, KARACHI**

X (SSC)
85% | 2019

EXPERIENCE

- **Software Engineer at Iris Labs**

Built React/Next.js frontends, FastAPI backends, and n8n workflows for AI projects, in collaboration with ML and backend teams.
(Sept'23-June'25)

- **Full Stack developer Intern at NCAi**

Contributed to the development of an Advanced Driver Monitoring System, integrating Firebase for real-time data management on the frontend.
(Aug'23-Oct'23)

ACADEMIC PROJECTS

- **Final Year Project: Agaahi - Ask, Analyze, Act**

Overview: Built a No Code AI Analytics Automation enabling voice and text-based NLP queries for real-time insights and dynamic data visualisations.

Tools: React Js, FastAPI, Langchain, Pandas/NumPy, AWS, ReCharts, PostgreSQL

- **Conversational AI Chatbot:**

Overview: Built NLP-driven system enabling multilingual voice/text queries with real-time insights and visualizations.

Tools: Gradio, Hugging Face Transformers (DialogPT, Sentiment/Emotion Analysis)