

# NAYAB IRFAN | AI ENGINEER | DATA SCIENTIST

Address: Bahria Orchard, Lahore  
LinkedIn: [linkedin.com/in/vinabi](https://www.linkedin.com/in/vinabi)  
Github: [github.com/vinabi](https://github.com/vinabi)

Phone: (+92)-314-3319004  
Email: [nayab20004@gmail.com](mailto:nayab20004@gmail.com)

## EDUCATION

---

- University of Central Punjab, Lahore** Oct 2022 - Present
- Bachelors of Computer Science,  
**Major:** Computer Science  
**Core:** C++, Python, AI, SQL
- Lahore College for Women University, Lahore** Mar 2019 – May 2021
- Intermediate in Pre Engineering

## WORK EXPERIENCE

---

- Takhleeq Business Incubator** Aug 2025  
Financial Analysis Intern
- Performed **data analysis and financial modeling** using **Advanced Excel** (pivot tables, VLOOKUP, dashboards)
  - Built **interactive reports and visualizations** in **Power BI** to support decision-making and performance tracking
  - Assisted in analyzing market and financial datasets to identify trends, risks, and opportunities
  - Collaborated with cross-functional teams to document findings and present actionable insights

## PROJECTS

---

- RouteForge**
- Built an intelligent **AI-driven travel agent** using **LLMs** and external APIs (Tavily, SERP)
  - Designed pipelines to fetch, process, and recommend optimized travel routes
  - Implemented **retrieval-augmented generation (RAG)** for context-aware suggestions
- Evalence**
- Developed an **AI-driven exam grading system** utilizing **OCR, LLMs, and Vision AI**.
  - Extracted and evaluated answers from PDFs, images, DOCX files, and handwritten scripts
  - Implemented intelligent classification and grading mechanisms

## LEADERSHIP ACTIVITIES

---

- Head Graphic Designer, IEEE University of Central Punjab** Sep 2024 – Present
- Volunteer and lead the graphic designing team of Student Branch
  - Assisted in organizing an on-campus event for IEEE Day 2024

## CERTIFICATIONS

---

- Data Science and AI Bootcamp** (atomcamp) Oct 2024 – May 2025  
**Agentic AI Bootcamp** (atomcamp) Aug 2025 – Sep 2025  
**Cyber Security Analyst** (PAF with NAVTTC) Mar 2022 – Oct 2022  
**IBM Certified Cyber Security Analyst** (8 CERT) Aug 2022 – Apr 2023

## SKILLS

---

**Technical Skills:** Python (PyTorch, TensorFlow, Scikit-learn, Hugging Face), SQL, C++, LangChain, LangGraph, CrewAI, LlamaIndex, FastAPI, OpenCV, YOLO, NLP, Stable Diffusion, Machine Learning (Regression, Classification, Clustering, CNNs), Data Analysis (EDA, Feature Engineering, Visualization), Power BI, Advanced Excel  
**Interpersonal Skills:** A 'can do it!' mindset with Analytical Thinking, Problem Solving, Communication, Teamwork.