

Nauman Noor

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EDUCATION

FAST-National University of Computer and Emerging Sciences

Bachelor of Computer Science

Lahore, Punjab

2021 – 2025

Aspire College

Intermediate of Science (Pre-Engineering)

Narowal, Punjab

2019 – 2021

EXPERIENCE AND TRAININGS

Data Science Trainee

Programmers Force

July. 2024 – Aug 2024

Lahore, Punjab

- Gained hands-on experience with Python libraries such as NumPy, Pandas, and OpenCV for data analysis and computer vision tasks
- Worked on web scraping and explored Retrieval-Augmented Generation (RAG) techniques for enhanced data extraction and retrieval

Artificial Intelligence (Machine Learning and Deep Learning)

National Vocational and Technical Training Commission (NAVTTTC)

Feb. 2024 – May 2024

Lahore, Punjab

- Gained hands-on experience in machine learning, model design, and evaluation
- Specialized in NLP using TensorFlow, including text preprocessing and deep learning
- Worked with advanced techniques like word embeddings and NLP pipelines

PROJECTS

Advanced Clickstream Data Analytics | *Next.js, LangChain, SSMS, LSTM*

- Developed a campaign performance tool using Next.js, LangChain's vector DB, and integrated a RAG-powered chatbot with Llama 3 for intelligent clickstream analysis and user query handling; applied encoding techniques and Agentic AI for large-scale data processing.
- Conducted sentiment analysis using LSTM, Bi-LSTM, and Naive Bayes; achieved highest accuracy (92%) with Bi-LSTM using GloVe embeddings; evaluated multiple word embeddings including Word2Vec and FastText.
- Designed time series sales prediction models using Random Forest, XGBoost, and Linear Regression; achieved 84% accuracy and unified sentiment and sales forecasting into a consolidated analytics system, delivering actionable business insights for campaign optimization across e-commerce platforms.

E-Commerce Store | *React.js, Stripe, Node.js, Redis*

- Built a full-stack platform with user authentication, product catalog, and secure Stripe checkout
- Integrated Redis for session management and real-time admin dashboard
- Implemented sales analytics and inventory tracking for admin control

Fact Learn – Educational Web App | *React, Netlify*

- Developed a fact-sharing web application using modular React components
- Deployed application using Netlify with responsive UI

O Social – Console-Based Social Media App | *C++, OOP*

- Implemented OOP principles including inheritance, polymorphism, encapsulation, and abstraction
- Built features such as friend requests, posts, and event sharing in a console-based environment

Ping Pong – 2D Game | *C++, GUI*

- Designed a 2-player 2D Ping Pong game using GUI libraries
- Applied programming fundamentals: loops, conditionals, and function pointers

SKILLS

Programming Languages: Python, C, C++, JavaScript, SQL, HTML, CSS

Frameworks/Libraries: React, Node.js, Express, Tailwind CSS, pandas, NumPy, Matplotlib, Scikit-learn

Developer Tools: Git, GitHub, VS Code, Visual Studio

CERTIFICATIONS AND AWARDS

Deputy Head Cyber Security
SEO -Digiskills

Exceptional Volunteer Future Fest 2023
Meta Front-End Developer Certificate