Hazim Waqar

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| linkedin| github | Portfolio

EDUCATION

National Textile University	Bachelor of Artificial Intelligence
Major in Machine Learning	Expected July 2026

WORK EXPERIENCE

It Company• *Remote*   Faisalabad, PK
Assistant Graphic , Web Designer & Developer   April 22 – Nov 23

- Websites like https://itcompany.com.au/
- https://www.teambonding.com.au/
- Australia-based company workforce in Pakistan

   Now want to work on my core field of Machine Learning and Data Science. Below are the Projects, I have made

PROJECTS

AI-ENABLED CONSTRUCTION MANAGEMENT PLATFORM – Developed a role-based platform connecting homeowners, architects, contractors, and vendors with real-time chat, design collaboration, and order management, powered by Firebase and MVC architecture.

VITAL RENTAL – AI-POWERED FLEET MANAGEMENT FOR CAR RENTAL AUTOMATION – Developed a full-stack platform with automated booking, billing, vehicle tracking, and AI-based damage assessment, enabling end-to-end rental operations with real-time analytics and digital agreements.

REAL-TIME SPEECH INTERFACE USING WHISPER AND TTS MODELS – Built a bi-directional speech system enabling live transcription and natural-sounding voice synthesis, leveraging Whisper for STT and advanced TTS.

CLINICAL RAG SYSTEM FOR DIAGNOSTIC REASONING - Built a RAG-based clinical diagnostic system using the MIMIC-IV-Ext Direct dataset, retrieving relevant records and generating context-aware answers.

LLM FINE-TUNING FOR DOMAIN-SPECIFIC LANGUAGE UNDERSTANDING – Fine-tuned BERT, GPT-2, and LLaMA models on custom datasets for downstream tasks like classification, generation, and Q&A, with optimized training pipelines using PyTorch, Transformers, and LoRA for efficient adaptation.

Cross-platform VPN mobile application- builtVPN enabling secure connections across five countries via OpenVPN.

TECHNICAL SKILLS

- **Languages:** Python, HTML, CSS, JavaScript, React.js, SQL, Bash,
- **Infrastructure-Cloud:** Docker, Kubernetes, Streamlit, Postman, Heroku
- **Frameworks:** NLP, LLMs, Gen Ai, TensorFlow, Py-Torch, Computer Vision
- **Technologies/Tools:** Git and GitHub, MongoDB, VS-Code, IoT-based tools like Influx-DB, Grafana, MQTT, Google-Colab, Hugging Face