

HASNAAT HUSSAIN

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OBJECTIVE

As an Electronics undergraduate at Quaid-i-Azam University (Class of 2027), I am a highly motivated software developer and AI engineer specializing in machine learning pipelines, deep learning applications, and autonomous agent architectures. Backed by a portfolio of shipped AI products and active open-source contributions to ML frameworks, I am applying for the Internee position within the NCP AITeC program. I am eager to secure a placement centered on Machine Learning & Deep Learning Applications or Applied AI Software Development, where I can apply my hands-on deep learning experience to impactful, applied AI research.

EDUCATION

BS Electronics Engineering — Quaid-i-Azam University (QAU), Islamabad *Expected 2027*
Currently in 6th semester

EXPERIENCE

Engineering Intern — Radio Pakistan, Islamabad *Jul 2025 – Aug 2025*

- Gained hands-on exposure to broadcast engineering systems and signal transmission infrastructure.

PROJECTS

- Synapse — Customer churn prediction SaaS powered by an XGBoost model, deployed as a production ML pipeline.
- StoreCraft AI — Claude API-powered tool that auto-generates complete Shopify stores from a single prompt.
- RetroForge — AI tool that converts live websites into retro-styled visual redesigns.
- Attendance Management System — A scalable software application dedicated to tracking user logs, optimizing data storage, and providing clean administrative reporting interfaces.

OPEN SOURCE CONTRIBUTIONS

- Filed pull requests to high-visibility AI/LLM frameworks, including LiteLLM (51.5k★), LangChain, LlamaIndex, PydanticAI, and Graphiti.

TECHNICAL SKILLS

Languages: Python, C++ | ML/DL: PyTorch, XGBoost, scikit-learn, Computer Vision | Tools: Kafka, Triton, Docker, Git | Electronics Foundation: Signal Processing, Embedded Systems, FPGA