

Junaid Mohi Ud Din

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github.com/juni2003 — junaid-portfolio-ruby.vercel.app

Professional Summary

Final-year Computer Science student (graduating July 2026) with a strong foundation in full-stack web development and machine learning. Proven experience in building agentic AI systems and deep learning models during a professional fellowship. Proficient in Python, React, Flask, and PyTorch with a portfolio of production-ready applications. Seeking a full-time Full Stack Development, Software Engineer, or Machine Learning Engineer role to contribute to dynamic technical solutions.

Education

Bahria University, Islamabad Campus *2022 – 2026 (Expected)*
Bachelor of Science in Computer Science — CGPA: **3.28**
KRL Model College, Kahuta *2019 – 2021*
Intermediate (FSc)

Professional Experience

Machine Learning Fellow *Aug 2025 – Nov 2025*
Buildables

- Completed a 3-month intensive fellowship focused on Deep Learning and Agentic AI systems.
- Project: Smart Farming Advisor:** Developed a multi-tool system integrating crop recommendation (99.39% accuracy), disease detection (98.97% accuracy using ResNet50), and farming Q&A with retrieval-augmented generation.
- Implemented an agent router achieving 100% intent classification accuracy across diverse queries.
- [[View Internship Certificate](#)] — [[View Source Code](#)]

Projects

- VisiHealth AI – Explainable Medical VQA (FYP)** *Python, PyTorch, BioBERT*
A multimodal AI system that provide answers with visual evidence (ROIs) and medical reasoning. Implementing custom deep learning architectures for image segmentation and fine-tuning biomedical language models. Integrates medical Knowledge Graphs (SLAKE) to ensure decisions are grounded and interpretable.
- Movie Recommendation System** *Python, Flask, React, AI*
Built movie recommender using TF-IDF and KNN; Flask backend with React frontend. Integrated TMDB API for metadata and images.
GitHub Link
- Metro Ticketing System** *React, MongoDB*
Developed metro booking system with fare calculator, ticket validation, and user authentication.
GitHub Link
- AI Meme Generator** *Python, NLP, Vision*
Created meme generator using spaCy/TextBlob and CLIP for template matching with Tkinter GUI.

Technical Skills

Languages: C++, Python, JavaScript
Web Development: React.js, Node.js, HTML, CSS, MongoDB
Frameworks/Tools: Flask, Git, VS Code, SFML, Tkinter, PyTorch
Data Science/ML: BioBERT, Knowledge Graphs, TF-IDF, KNN, NLP, Deep Learning (CNNs, Transfer Learning), RAG Systems (FAISS, Vector Search)

Certifications

- Neural Networks and Deep Learning** – DeepLearning.AI (Coursera), Jan 2026
- Google Crash Course on Python** – Coursera, 2024