

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