

Roha Pathan

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WEBSITES, PORTFOLIO, PROFILES

Github : <https://www.github.com/row-huh>

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AI/ML AND FULLSTACK ENGINEERING

Hardworking and passionate job seeker with strong organizational skills eager to secure entry-level Data Engineering or Backend Engineering internship position. Ready to help achieve company goals.

KEY COMPETENCIES

Python, Java, C, Nextjs, React, Typescript, Javascript, PHP,
MySQL, PostgreSQL, Supabase
Flask, Beautiful Soup, Selenium
Django, SQL, Vertex-ai, LLMs, AI Engineering
OOP, DSA, ML/AI, Backend Development, FullStack
Development

Critical thinking skills
Excellent communication skills
Problem Solving Skills
Fast-Learner

PROJECTS & EXPERIENCE

MalamaAI

- Created a web application using Next.js and Flask to detect skin diseases with a DinoV2-based model.
- Incorporated Llama 3.370b for accurate analysis and improved diagnostic precision.

Relic

- Engineered a high-performance historical search engine using PHP, MySQL, and Node.js, enabling rapid correlation of events across massive archives.
- Designed algorithms to uncover hidden connections in historical data, improving discovery speed by ~40%.

Gold Fish

- Developed a streamlined expense tracking platform with Streamlit and Python, improving budget management efficiency for users.
- Implemented persistent storage and categorization features to simplify long-term financial tracking.

Additional Experience:

- Built keyword search implemented in php to search for historical data stored in mysql
- Built a fully functional e-commerce web application using Django, demonstrating strong backend development skills.
- Developed multiple custom Discord bots with engaging functionality, leveraging API integration.
- Consistently held leadership roles in university teams, collaborating effectively and delivering successful projects across various domains.

EDUCATION & CERTIFICATIONS

UIT University, Bachelor of Software Engineering

Expected in 05/2026

- Status: In Progress, currently 7th semester
- Class highest GPA in Semester I
- Class highest in Programming Fundamentals
- Among top 5 in Data Structures & Algorithms
- 3.16 CGPA

Hackathons

- [6/57 in Bahria University's inter-institute Techathon \(TeamName: Tecna's Tribe\)](#)
- [LabLabAI's Assistant Api and Trulens Hackathon](#)
- [Google's Vertex AI Agent Builder](#)
- [LabLabAI's Langflow Hackathon](#)
- [LabLabAI's Lokahi HealthCare Innovation Hackathon](#)

CERTIFICATIONS

Harvard University, CS50's Artificial Intelligence

- CS50's Artificial Intelligence
- Syllabus included: Knowledge, Search, Uncertainty, Optimization, Learning, Neural Networks, Language Processing
- [Certificate](#)

Harvard University, CS50 Python

- CS50's Python
- Worked on nine problem sets and one final project
- [Certificate](#)