

HADI K P

Aspiring Data Scientist

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Profile Summary

Master of Computer Applications graduate with strong expertise in Data Science, Data Analysis and Machine Learning. Skilled in Python, Flask, TensorFlow, PyTorch, Scikit-learn, MySQL, Dataiku and data-driven solution design. Completed certifications from IBM (Python for Data Science) and IIT Kharagpur (DBMS). Experienced in Deep Learning, Generative AI and Machine Learning projects, including GAN-based image colorization, AI-powered job analysis, and financial analytics platforms. UGC NET qualified, passionate about innovative tech solutions.

Education

Master of Computer Applications (MCA) Rajiv Gandhi Institute of Technology, Kottayam CGPA: 7.95/10	2025
Bachelor of Science (Mathematics) Sullamussalam Arts and Science College, Areekode CGPA: 7.1/10	2023
Higher Secondary Education (Plus Two) Kerala Board of Public Examination Percentage: 88%	2020
Secondary School Leaving Certificate (SSLC) Kerala Board of Public Examination Percentage: 100%	2018

Experience

Data science Intern — Sabudh Foundation Punjab, Remote	July 2025 - Present
<ul style="list-style-type: none">Serving as the Team Representative for the “AI for Education” initiative, coordinating tasks, managing communication, and supporting project planning and execution.Undergoing training in Python, Data Structures & Algorithms (DSA), Machine Learning, Deep Learning, Natural Language Processing (NLP), SQL, and Dataiku, strengthening applied data science expertise.	

Skills

Technical Skills:	Python, C, HTML & CSS, MySQL, Flask, Dataiku, Pandas, NumPy, TensorFlow, Scikit-learn, Machine Learning
Soft Skills:	Problem-Solving, Teamwork, Time Management, Adaptability, Critical Thinking, Communication

Projects

Image Colorization using GANs

- Built an advanced image colorization system using Generative Adversarial Networks (GANs) to transform grayscale images into realistic colors, overcoming the limitations of manual and heuristic-based methods.
- Designed and evaluated multiple deep learning architectures including CNN-based GAN, UNet-GAN, DeOldify with residual learning, and ResNet-18 transfer learning, improving model accuracy and edge preservation.
- Leveraged PyTorch, TensorFlow, and MySQL with COCO and Places365 datasets, achieving high-quality results validated by PSNR and SSIM, and ensuring scalability for real-time image processing applications.

AI-Powered Job Analyzer

- Developed an AI-driven job analysis system that extracts job descriptions, parses resumes (PDF), performs skill matching, and generates customized technical and HR interview questions.
- Implemented using LangChain, Groq (LLaMA 3.3-70B), ChromaDB, PyPDF, and Gradio, enabling automated skill gap analysis, resume parsing into structured JSON, and interactive result visualization.
- Applied Generative AI for career development by clarifying job expectations, identifying skill gaps, assigning match scores (High/Medium/Low), and providing targeted interview preparation.

Personal Finance Management System

- Designed and developed a web-based financial management platform enabling users to track income, expenses, and budgets, with built-in financial planning and tax compliance tools.
- Implemented using Python Flask (backend), MySQL (secure data storage), and Chart.js (interactive visualization) with dashboards featuring pie charts, bar charts, and trend lines.
- Integrated key features such as transaction logging, budget monitoring with real-time alerts, downloadable tax summaries, and a tax calculation module under the Indian tax regime to support accurate planning and decision-making.

Certifications

Python for Data Science, AI & Development - IBM (Coursera)	June 2024
Data Base Management System - IIT Kharagpur (NPTEL)	April 2024
Intermediate Machine Learning - Kaggle	June 2025
Dataiku Core Designer - Dataiku	September 2025

Achievements

UGC NET qualified for Assistant Professor in Computer science

Areas of Interest

Data Science, Data Analytics and Machine Learning

Software Development and Engineering