

Hamza Meer

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→ Education

BSc (Hons)
2026, University of Gujarat

Specialization: CS. CGPA: 3.5.

Courses included both Computer Science (programming, databases, artificial intelligence, and hardware) and Business (accounting, management and logic) subjects.

F.Sc. (Pre Engineering)
2022, Punjab College

Obtained 976 marks out of 1100 - 88.7%

Was awarded merit scholarship by Punjab College of Science, Pakistan.

Matriculation
2020, Govt. Higher Secondary School, Gujranwala

Obtained 1032 marks out of 1100 - 93.8%

Obtained A+ in Physics, Chemistry and Mathematics. Courses included Biology, Mathematics, Physics, Chemistry.

→ Projects (6)

NAZ Auto Exchange
April 2025 - now

Car dealership platform with Django-React delivers seamless automotive experience.

Tools: Python, Django, Django REST Framework, PostgreSQL, SQLite, CORS Headers, Node.js, React, TypeScript, Vite, Tailwind CSS, React Router

Responsive Django-React platform streamlines Japanese car imports with intuitive listings, search, and admin tools for seamless dealership operations.

Medical Chatbot GenAI
July, 2025

Revolutionary medical chatbot delivers precise AI-driven healthcare answers.

Tools: Python, Flask, LangChain, Pinecone, Groq, HuggingFace Sentence-Transformers, PyPDF, LangChain-Pinecone, LangChain-Groq, Gunicorn, Docker, IPyKernel.

Details available at: <https://github.com/Hamza-Meer007/Medical-chatbot-GenAI>

Text to Color Generator
June, 2025

AI-driven platform transforming text inputs into vibrant RGB color experiences.

Tools: Python, Flask, TensorFlow/Keras, LSTM, HTML, JavaScript, Tailwind CSS, JSON

Details available at: <https://github.com/Hamza-Meer007/Text-to-color-generator/>

Brain Tumor Classification
May, 2025

Accurate brain tumor classification using CNN and FastAPI backend.

Tools: Python, Convolutional Neural Network (CNN), FastAPI, Uvicorn, Jupyter Notebook, NumPy, Pandas, OpenCV (cv2), TensorFlow/Keras, Matplotlib, Seaborn, pip.

Details available at: https://github.com/Hamza-Meer007/Brain_Tumor_Classification

Hybrid Log Classification System
April, 2025

Hybrid log classification system combining regex, ML, and LLM.

Tools: Python, FastAPI, Uvicorn, Regex, Sentence Transformer, Logistic Regression, Large Language Models (LLM), BERT, NLP

Details available at: <https://github.com/Hamza-Meer007/Log-Classification-System>

Netflix Recommendation System
November, 2024

Content-based Netflix movie recommendation system using sentiment analysis.

Tools: Flask, TMDB API, IMDB scraping, Sentiment Analysis, Content-based Filtering, Jupyter Notebook, pandas, scikit-learn, NumPy, Data Visualization, NLP, Machine Learning

Details available at: [Try Demo](#)

→ Skills

Programming Languages

Skilled and experienced in high and low level languages including Full stack Python, Javascript, C/C++, .Net languages. Also very well versed with version control systems such as Git, GitLab and Notion.

Artificial Intelligence

Development of artificially intelligent systems using Python. Also, planned the field of research in MS alongside Software Engineering.

Web Frameworks

Experienced in Django, Node.js, Flask, FastAPI and React

Databases

Skilled in designing and implementing databases in MySQL, PostgreSQL, MongoDB, and SQL Server. Experienced with large-scale production-level database systems.

→ Experience

Qodeon Labs

December, 2024 - July 2025

Full Stack Developer.

Full Stack Development, Data Analysis, GCP, Web Automation, Web Scraping and Data pipelines.

CognoRise Infotech

September, 2024 - November, 2024

Machine Learning Intern

Gained predictive modeling expertise, delivering impactful insights that could guide policymakers to support millions, enhance sales growth for 15%, and boost retail revenue by \$1.2 million.

University of Gujarat

November, 2022 - now

Teaching Assistant

Delivered various lectures on Programming along with designing, conducting and evaluation of Programming assignments and quizzes.

→ References (2)

Khawaja Ali

Civil Engineer, Transport Development Division, CTI Engineering International Co. Ltd. Tokyo

Email: khawaja.ali@ctii.co.jp

Relationship: Mentor

Najeeb Ur Rehman

Associate Professor, University of Gujarat, Pakistan

Email: najeeb.rehman@uog.edu.pk

Relationship: Teacher