

Jahid Md Hasan

Guwahati, India | jmhasan17@gmail.com | +91 7002170447

<https://www.linkedin.com/in/jahid-hasan-19jm/> | [jmhasan1 \(Jahid Hasan\) · GitHub](#) |

https://jmhasan1.github.io/Jahid_Portfolio/

PROFESSIONAL SUMMARY:

Innovative and forward-thinking AI Engineer with a solid foundation in Computer Science, currently advancing my expertise through a Master's degree with a specialization in Augmented & Virtual Reality. I possess deep knowledge in Machine Learning, Deep Learning, Natural Language Processing (NLP), Computer Vision, Data Science, Generative AI, and Large Language Models (LLMs), with hands-on experience in various projects. Skilled in developing innovative AI solutions, including Retrieval-Augmented Generation (RAG) systems, and proficient in transforming complex challenges into scalable, impactful AI models. Committed to leveraging AI to solve real-world problems and contribute to technological advancements.

PROJECTS

Text Summarizer

[View in GitHub](#)

- Condensing a longer piece of text, such as an article, document, or paragraph, into a shorter version while preserving its key information and meaning.
- The goal of text summarization is to extract the most important points and main ideas from the original text and present them in a condensed form.
- Transformer-based model using hugging face API, to build the text summarizer.
- CI/CD deployment using GitHub Actions and Amazon Web Services

Language Translator Model Using Transformer Architecture

[View in GitHub](#)

- Build a Transformer model from scratch using PyTorch, focusing on its components and training for language translation.
- Performed Input Embedding, Positional Encodings, Layer Normalization, Feed Forward, Multi-Head Attention, Residual Connection, Encoder, and Decoder.
- Build a Transformer model for translating multiple languages, trained the model, and performed validation to evaluate the model.

Other Projects:

- Diabetes Prediction using SVM & Logistic Regression

[View in GitHub](#)

- CNN Image Classifier [View in GitHub](#)
- Generative AI projects using open-source LLM models and Langchain Framework [View in GitHub](#)

CERTIFICATIONS

- Data Analysis With Python [View Credentials](#)
- Python Project for Data Science [View Credentials](#)
- Python for Data Science, AI & Development [View Credentials](#)

EDUCATION

- Master of Computer Applications (MCA) - Augmented Reality & Virtual Reality (AR & VR)** June 2023 - May 2025
Amity University, Noida (Online)
- Bachelor of Science (BSc.) - Computer Science Honours** July 2019 - Sep 2022
Assam University, Silchar (India)

SKILLS

Machine Learning | Deep Learning | Data Science | Natural Language Processing | Data Analysis | LLM | MLOps | Neural Networks | Generative AI | RAG | Python | Computer Vision | Data Visualization | Data Analysis | TensorFlow | ScikitLearn | Pytorch | Pandas | Seaborn | Matplotlib | Numpy | Database Management | Unity | Blender | LangChain | MySQL | MongoDB | Flask | FastAPI | JavaScript | Web Development | React | ROS | C++ | Java | Azure | AWS | CI/CD | Project Management | Communication | Time Management | Adaptability | Problem Solving |