

# Jahid Md Hasan

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

[https://jmhasan1.github.io/Jahid\\_Portfolio/](https://jmhasan1.github.io/Jahid_Portfolio/)

## PROFESSIONAL SUMMARY:

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Innovative and forward-looking AI Engineer with a solid base in Computer Science, pursuing expertise by obtaining a Master's degree in Augmented & Virtual Reality. I have pervasive knowledge in Machine Learning, Deep Learning, Natural Language Processing (NLP), Computer Vision, Data Science, Generative AI, and Large Language Models (LLMs). Skilled in designing innovative AI solutions, such as Retrieval-Augmented Generation (RAG) systems, and adept at transforming complex challenges into scalable, impactful AI models. Committed to using AI to solve real-world problems and contributing to technological advancements.

## PROJECTS

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### Text Summarizer

[View in GitHub](#)

- Condensing a longer text, such as an article, document, or paragraph, into a shorter version while preserving its key information and meaning.
- Text summarization aims 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, train the model, and perform validation to evaluate the model.

#### Other Projects:

- Diabetes Prediction using SVM & Logistic Regression [View in GitHub](#)
- CNN Image Classifier [View in GitHub](#)
- IBM Data Science Capstone Project [View in GitHub](#)

## CERTIFICATIONS

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IBM Data Science	<a href="#">View Credentials</a>
IBM GenAI for Data Scientists	<a href="#">View Credentials</a>
Applied Data Science	<a href="#">View Credentials</a>

## EDUCATION

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

## SKILLS

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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 | Gen AI | MySQL | MongoDB | Flask | FastAPI | JavaScript | Web Development | React | ROS | C++ | Java | Azure | AWS | CI/CD | Project Management | Communication | Time Management | Adaptability | Problem Solving |