

Modhusodan Devnath

Machine Learning Engineer

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Summary

Highly motivated Machine Learning Engineer with a strong foundation in Machine Learning concepts and practical experience with Tensorflow and Scikit-learn. Adept at developing and implementing Machine Learning models for various natural language processing and predictive modeling tasks. Passionate about solving complex problems and continuously learning about new AI technologies to develop innovative solutions.

Education

Bachelor's degree in Computer Science and Engineering,
Khwaja Yunus Ali University

Skills

- Python, Java, C++
- Competitive Programming
- Numpy, Pandas, Matplotlib
- Linear Algebra
- Statistics
- Machine learning and Deep Learning
- Computer vision (CNN)
- NLP (RNN, LSTM, GRU)
- Encoder, Decoder
- Transformers (Seq2Seq model)

Projects

- Developed many Natural Language Processing models with LSTM GRU and Transformers
- Built some recommendation system using collaborative filtering and matrix factorization technique that improved user engagement by 30%.
- Implemented Deep learning models like ResNet50, ArcFace and Traditional CNNs for Computer vision tasks.
- Created few predictive models that predicts based on past data for a company. Used Core Machine Learning's effective and popular algorithms. (SVM, Random Forest, Logistic Regression, etc.)

Certifications

- Industrial Training on Machine Learning and Data Science

Professional Development

- Attended several workshops on the latest advancements in machine learning.

Technical Skills

- Programming Languages: Python, Java, C++
- Frameworks: Scikit-learn, Scikit-image, TensorFlow, Keras, Scipy
- Version Control: Git
- Databases: SQL, MySQL