

# ABHISHEK VISHWAKARMA

Chandauli, Uttar-Pradesh

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🌐 [Abhishek Vishwakarma](#)

🔗 [Abhiks21](#)

## EDUCATION

Integral University  
BCA - CGPA - 8.0

Lucknow, Uttar-Pradesh  
India

National Institute Of Technology, karnatka  
MCA - CGPA - 7.1

Surathkal, Karnataka  
India

Swami Harsewanand Public School  
12th - 73.%

Varanasi, Uttar-Pradesh  
India

## COURSEWORK / SKILLS

- Data Structures & Algorithms
- Machine Learning
- Natural Language Processing(NLP)
- Operating Systems
- Database Management System (DBMS)
- OOPS Concept

## PROJECTS

### Alzheimer's Disease Detection via Multiscale Feature Modelling 🔗 | Deep Learning, Medical Imaging

- Designed and trained a **multiscale feature modelling pipeline** for classifying Alzheimer's stages from MRI images.
- Applied **transfer learning** and fine-tuning to optimize performance, leading to an improvement of **96% in accuracy** over conventional CNNs.
- Automated data preprocessing (skull stripping, resizing, normalization) to handle large MRI datasets efficiently.
- **TOOLS:** Python, TensorFlow/Keras, Pandas, NumPy, Matplotlib

### Stock Market Prediction 🔗 | Time-Series ML Project

- Developed ML models for short-term stock trend forecasting using historical trading data.
- Implemented **LSTM**-based deep learning architecture, achieving higher accuracy than traditional ML models.
- Automated feature extraction (moving averages, volatility indicators) to capture market patterns effectively.
- **TOOLS & LIBRARIES:** Python, Pandas, NumPy, Scikit-learn, TensorFlow/Keras, Matplotlib/Seaborn.

## TECHNICAL SKILLS

**Languages:** Python, C, C++, SQL

**Developer Tools:** VS Code

**Technologies/Frameworks:** GitHub, Git, Flask

## CODING PROFILE

- **LeetCode:** 250+ problems solved.
- **GeeksForGeeks:** 200+ problems solved.

## ACHIVEMENTS

Secured **All India Rank 136**, (top 0.5%) in NIMCET 2023, in a national-level competitive exam for MCA aspirants. Showcasing strong **Mathmatics, Logical reasoning, Computer Fundamentals and English.**