

# Divyanshu Chauhan

Chakia, Chandauli, Uttar Pradesh, India

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## Objective

Passionate AI/ML student with strong foundation in programming, data analytics, and problem-solving. Proficient in Python, C++, and Java with experience in AI projects including recommendation systems and predictive analytics. Seeking to apply technical skills in cutting-edge technological environments.

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## Education

- **B.Tech in Artificial Intelligence & Machine Learning**  
Lamrin Tech Skills University — 2023 - Present
  - **Class 12 (Physics, Chemistry, Mathematics)**  
Shree Bholenath Inter College, Volipur Sahabganj, Chandauli, Uttar Pradesh — 2023 — Percentage: 76.2%
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## Technical Skills

- **Programming:** Python, C++, Java, SQL
  - **Web Technologies:** HTML, CSS, Bootstrap, JavaScript (Basic), Flask
  - **Data Visualization:** Power BI, Tableau, Excel, Matplotlib, Seaborn
  - **Deep Learning:** Artificial Neural Networks, Convolutional Neural Networks, Recurrent Neural Networks (ongoing)
  - **Machine Learning:** Supervised and Unsupervised Learning, Recommendation Systems
  - **Tools & Libraries:** NumPy, Pandas, Scikit-learn, TensorFlow, Keras
  - **Platforms:** Visual Studio Code, Jupyter Notebook, Google Colab
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## Projects

### Customer Churn Prediction System — IBM — 2024

- Built machine learning model to predict customer retention using behavioral patterns
- Implemented data preprocessing and visualization techniques in Python
- Achieved 89% accuracy in predicting customer churn

### E-commerce Recommendation System — IBM — 2024

- Created recommendation engine using collaborative filtering techniques
- Enhanced user shopping experience with personalized suggestions
- Improved recommendation relevance by 30% compared to baseline

### VeritasAI: Deepfake Detection System — Personal Project — Present

- Designing CNN-based deepfake detection model using TensorFlow/Keras
- Training on diverse dataset of real and synthetic images/videos
- Currently achieving 86% accuracy in identifying manipulated media content
- Implementing real-time detection capabilities for video streams

### DS BudgetMate – Expense Tracker — Personal Project — 2023

- Engineered Python application for real-time expense tracking
  - Features include transaction categorization and balance management
  - Integrated data visualization for spending patterns analysis
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## Certifications

- Java Certification — Udemy — 2024
  - Power BI & Tableau Certification — Udemy — 2024
  - Python Certification — Udemy — 2024
  - Python Intern Certification — Hex Software — 2024
  - AI-Machine Learning Engineer Course — Reliance Foundation — 2025
  - 30 Days Power BI Course — ISO-9001 Certified — 2024
  - AI Foundation Associate — Oracle Certified — 2025
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