

AMIT KUMAR MISHRA

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EDUCATION

Noida Institute Of Engineering and Technology, Greater Noida	2022 - Expected 2026
B.Tech in Computer Science and Engineering (CSE)	CGPA:9.11
12th: Anugrah Narayan College , Patna	Percentage:78.8
10th: DAV Public School, Madhepur	Percentage:93

PROJECTS

- **Smart AI Assistant:** A research support tool that summarizes research papers and answers user queries using NLP techniques. [!\[\]\(30a147af384f9f71632c2ff17bc706c8_img.jpg\)](#)
 - * **Technologies:** Python, NLTK, SpaCy
 - * **Use Case:** Assists researchers by extracting key insights from large documents
- **Project Management System:** A full-stack web platform for managing academic projects. [!\[\]\(9b33568d5c136f08ca688ce48be37574_img.jpg\)](#)
 - * **Technologies:** HTML, CSS, JavaScript, PHP, MySQL
 - * **Use Case:** Upload, track, and manage student project submissions
- **Faculty Task Management System:** A web-based system for assigning and tracking faculty tasks. [!\[\]\(8c93063dab026f10e159986b27c41c64_img.jpg\)](#)
 - * **Technologies:** HTML, CSS, JavaScript, PHP, MySQL
 - * **Use Case:** Admins assign daily/weekly tasks and faculty can view/update status
- **Hospital Management System:** A centralized digital solution for patient and doctor record handling. [!\[\]\(8a17676a8da87a4e59299223a765e613_img.jpg\)](#)
 - * **Technologies:** HTML, CSS, PHP, MySQL
 - * **Use Case:** Manages appointments, records, billing, and inventory
- **Discussion Forum:** A collaborative platform where users post questions and comments. [!\[\]\(f7fdc7cc047b770fc5fdd2c2137c07d9_img.jpg\)](#)
 - * **Technologies:** PHP, JavaScript, MySQL
 - * **Use Case:** Enables academic discussion and QA for students
- **Gemini Chatbot:** A personalized chatbot that interacts with users based on predefined scripts and dynamic input. [!\[\]\(3ca549f0313858650ddae522dc3cfea6_img.jpg\)](#)
 - * **Technologies:** Python, NLP, Streamlit
 - * **Use Case:** Conversational AI for basic queries and user engagement
- **Customer Churn ML Model:** Predicts customer churn likelihood using historical usage patterns. [!\[\]\(b6026cac39735f17b6ea8953e5327900_img.jpg\)](#)
 - * **Technologies:** Python, scikit-learn, pandas
 - * **Models:** Logistic Regression, Random Forest
 - * **Use Case:** Helps businesses retain customers by identifying at-risk users
- **Fake News Detection:** Detects fake news from real using text classification. [!\[\]\(7e162357375a287a75d78d6b99984a4b_img.jpg\)](#)
 - * **Technologies:** Python, NLTK, scikit-learn
 - * **Models:** Naive Bayes, TF-IDF
 - * **Use Case:** Classifies news articles as fake or real to combat misinformation

INTERNSHIP

Intern at Edunet Foundation	July 2024 -August 2024
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- Developed an AI-powered chatbot using natural language processing (NLP) integrated with IBM Cloud services.
 - **Technologies:** Python, Flask, IBM Watson Assistant, IBM Cloud Functions
 - **Use Case:** Automates customer support with contextual conversation flow
- Deployed various machine learning models on IBM Cloud to demonstrate scalable ML workflows.
 - **Models:** Linear Regression, Decision Trees, Random Forest
 - **Technologies:** Python, scikit-learn, IBM Watson Studio
 - **Use Case:** Showcased real-time model deployment and monitoring
- Built a machine learning model for sentiment analysis on product reviews.
 - **Model:** Logistic Regression / Naive Bayes / LSTM (for deep learning)
 - **Technologies:** Python, NLTK, TensorFlow/Keras
 - **Use Case:** Identifies customer sentiment (positive/negative/neutral) from text input

TECHNICAL SKILLS

- **Languages:** Java, Python, C, CPP ,HTML, CSS, JavaScript, PHP.
- **Technologies & Concepts:** Object-Oriented Programming (OOP), Full Stack Development, Machine Learning, Deep Learning.
- **Frameworks & Libraries:** Spring Boot, Spring MVC, React, TensorFlow, Scikit-learn, NumPy, Pandas.
- **Databases:** Oracle, MySQL.

SOFT SKILLS

- Problem Solving and Analytical Thinking
- Team Collaboration and Communication
- Time Management and Adaptability
- Attention to Detail

ACHIEVEMENTS

- [Leetcode](#): Solved 350+ DSA problems
- [CodeChef](#): Solved 250+ DSA problems
- [HackerRank](#): Solved 200+ DSA problems

EXTRA-CURRICULUR ACTIVITIES

- Vice President at Niet Coding Cadet (Technical club)
- Technical Member at GDG NIET