




Nihit Tyagi

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Career Objective

Motivated and dedicated Computer Science undergraduate with strong skills in **Java**, **Data Structures**, and **AI/ML**. Seeking an opportunity to contribute technical knowledge and problem-solving skills to real-world software projects in a growth-oriented organization.

Education

Bachelor of Technology in Computer Science

ABC Institute of Technology, Ghaziabad
2021 – 2025 | CGPA: 8.4/10

Technical Skills

- **Languages:** Java, Python, C++
 - **Core Concepts:** Data Structures & Algorithms, OOPs
 - **AI/ML Tools:** Scikit-learn, NumPy, Pandas, Matplotlib
 - **Development Tools:** Git, VS Code, Eclipse, Jupyter Notebook
 - **Others:** SQL, HTML/CSS (Basic)
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Projects

AI Chatbot for College FAQs

Tech Stack: Python, NLTK, Machine Learning

- Built a rule-based + ML-enhanced chatbot to answer college-related queries
- Implemented NLP pipeline using tokenization, lemmatization
- Achieved over 85% accuracy in query matching

Student Performance Predictor

Tech Stack: Python, Scikit-learn, Pandas

- Collected dataset of student academic records
- Trained models using Decision Tree and Random Forest
- Helped predict pass/fail outcomes based on study hours, previous scores

DSA Practice Web Tool

Tech Stack: Java, JavaFX

- Created an interactive desktop GUI for DSA practice
 - Implemented Linked Lists, Stacks, Queues, Sorting, and Searching visually
 - Greatly helped beginners understand DSA visually
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Internship

AI/ML Intern

BrainWare Labs | May 2024 – July 2024

- Assisted in developing classification models using real-world datasets
 - Optimized models using feature scaling and hyperparameter tuning
 - Documented research results and presented findings
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Certifications

- Java Programming – Infosys Springboard
 - Data Structures in Java – Coding Ninjas
 - Machine Learning – Stanford Online (Coursera)
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Achievements

- Qualified in CodeChef Starters and Leetcode Weekly Contests
 - Secured 1st position in Inter-College Coding Challenge (2023)
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Strengths

- Strong Analytical and Logical Thinking
 - Excellent Debugging and Problem-Solving Skills
 - Passionate about AI-based technologies
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Languages Known

English, Hindi