

ALOK KUMAR GUPTA

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Summary

Computer Science undergraduate with hands-on experience in full-stack development and machine learning. Skilled in building scalable web applications and deploying ML models. Seeking an opportunity to apply problem-solving skills and contribute to real-world software solutions.

Education

Bachelor of Technology (Computer Science and Engineering) 2023 – Present

Noida Institute of Engineering and Technology

CGPA: 7.84

Intermediate (CBSE) 2022

New R.S.J. Public School

Percentage: 67.2%

High School (CBSE) 2020

Little Blossom Convent School

Percentage: 86%

Internship Experience

AI/ML Intern, Edunet Foundation April 2025

- Developed a Breast Cancer Prediction System using Python and Machine Learning techniques
- Applied data preprocessing, feature selection, and model evaluation on healthcare datasets
- Built a Random Forest model achieving 97.08% accuracy and deployed it using Streamlit

Projects

Breast Cancer Detection (Machine Learning)

- Built a Random Forest model achieving 97.08% accuracy for breast cancer classification
- Performed data preprocessing and feature selection on medical datasets
- Deployed the model using Streamlit for real-time predictions

Event Management System (Full Stack)

- Developed a web-based application for event registration and user data management
- Implemented responsive UI using HTML and CSS
- Designed CRUD operations for efficient data handling

Smart Public Service (Web Application)

- Built a responsive web application using HTML, CSS, and JavaScript
- Implemented service request tracking and management features
- Improved accessibility and usability for public service workflows

Technical Skills

Languages: Python, C++

Frontend: HTML, CSS, Tailwind CSS, Bootstrap

Backend: Node.js, Express.js

Frameworks: React (Basic)

Databases: MongoDB, MySQL

Core Concepts: Data Structures, OOPs, DBMS

Tools: Git, GitHub, VS Code

Certifications

- Introduction to Artificial Intelligence - Infosys Springboard
- Introduction to MongoDB - MongoDB
- Introduction to Cybersecurity - Cisco
- Design Thinking for Innovation - Coursera
- Cybersecurity Analyst Job Simulation - Tata (Forage)