ABHISHEK KUMAR

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PROFESSIONAL SUMMARY

Final-year Computer Science Engineering student specializing in Machine Learning, AI, and Full-Stack Development. Experienced in developing scalable applications using modern frameworks including React.js, Python, and Spring Boot. Strong foundation in data structures, algorithms, and software engineering with proven ability to deliver end-to-end solutions from concept to deployment.

EDUCATION

Lloyd Institute of Engineering and Technology, Greater Noida   **2026**
Bachelor of Technology, Computer Science & Engineering

Central Board of Secondary Education (CBSE)   **2021**
Intermediate

Central Board of Secondary Education (CBSE)   **2019**
Secondary

PROJECTS

Brain Tumor Detection using Deep Learning
Tech: Python, TensorFlow, Keras, PyTorch, OpenCV, Flask, Streamlit, Docker
- Built deep learning pipeline using CNN and U-Net architectures for tumor classification & segmentation achieving high accuracy on BraTS medical imaging dataset.
- Implemented advanced preprocessing (noise reduction, skull stripping, normalization) and enhanced performance with data augmentation & transfer learning.
- Developed and deployed interactive Flask/Streamlit web application for real-time MRI scan upload and tumor visualization for medical diagnosis.

WeatherPro - Professional Weather Dashboard
Tech: JavaScript ES6+, HTML5, CSS3, Geolocation API, CSS Grid, Flexbox, DOM Manipulation
- Developed responsive weather application with comprehensive data visualization, location services, and 5-day forecast functionality.
- Implemented Geolocation API integration for automatic location detection and manual city search with comprehensive error handling.
- Created modern glass-morphism UI with smooth CSS animations, mobile-first responsive design supporting all device sizes.

Crypto Portfolio Tracker
Tech: React.js, JavaScript ES6+, TailwindCSS, Recharts, CoinGecko API, REST Integration
- Built comprehensive cryptocurrency portfolio management application with real-time market data integration using CoinGecko API.
- Developed interactive data visualization dashboard using Recharts for portfolio analytics and historical trend analysis.
- Implemented responsive UI using React Hooks, state management, and TailwindCSS with optimized performance and scalability.

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, JavaScript, C, C++

- **Frameworks & Technologies:** Spring Boot (REST API & Backend Development), React

- **Databases & Tools:** Git/GitHub (Version Control), MySQL, Postman (API Testing)

- **Core Concepts:** Data Structures and Algorithms, Object-Oriented Programming (OOP), Operating Systems, Computer Networks, Database Management Systems (DBMS)

LICENSES & CERTIFICATIONS

- AI For Everyone — DeepLearning.AI
- Introduction To Cybersecurity — Cisco
- Oracle Fusion Cloud Applications CX Certified Foundations Associate — Oracle

ADDITIONAL DETAILS

- **Soft Skills:** Knowledge Sharing, Mentorship, Teamwork, Communication, Resilient Problem Solving, Strategic Thinker
- **Languages Known:** Hindi (Fluent), English (Fluent)