Abhishek Kumar

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SUMMARY
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Final-year Computer Science & Engineering student with a focus on Artificial Intelligence, Deep Learning, and Software Development. Skilled in programming, problem-solving, and applying technology to solve real-world challenges. Enthusiastic about contributing to innovative projects and eager to grow as a software professional.
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Lloyd Institute of Engineering and Technology, Greater Noida

Bachelor of Technology, Computer Science & Engineering   2026

Central Board of Secondary Education (CBSE)
  Intermediate
                                                                          2021

Central Board of Secondary Education (CBSE)
  Secondary
                                                                          2019

PROJECT
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Brain Tumour Detection using Deep Learning: 🔗
Tech Stack: Python, TensorFlow/Keras, PyTorch, OpenCV, Flask/Streamlit, Docker
- Built a deep learning pipeline (CNN, U-Net) for tumor classification & segmentation on MRI scans, achieving high accuracy on BraTS dataset.
- Applied preprocessing (noise reduction, skull stripping, normalization) and enhanced performance with augmentation & transfer learning.
- Deployed a Streamlit/Flask web app for real-time MRI scan upload and tumor visualization.

Crypto Portfolio Tracker: 🔗
Tech Stack: React.js, JavaScript (ES6+), HTML5, CSS3, TailwindCSS, Recharts, CoinGecko API, npm.
- Developed a responsive web app to track & visualize crypto portfolios with real-time price data (CoinGecko API).
- Integrated dynamic charts (Recharts) and optimized performance with React Hooks & TailwindCSS.

TECHNICAL SKILLS
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- **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)