

Anish Kumar Singh

anish2003s@gmail.com | 8400675767

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Technical Skills

- **Languages:** C++ , C , Java , Python , JavaScript , SQL
- **Frameworks:** **Convolutional Neural Networks (CNNs)**, React.js, Node.js
- **Development Tools:** TensorFlow, Git, Visual Studio Code
- **Database Management:** MySQL, MongoDB

Projects

AI-Powered Plant Disease Detection

- Developed a web platform leveraging **AI and computer vision** to detect plant diseases from images.
- Utilized **Convolutional Neural Networks (CNNs)** with frameworks such as **TensorFlow** and **PyTorch** to train a robust model capable of identifying and diagnosing diseases with high accuracy.
- Integrated a backend system for data storage and retrieval using **MongoDB** and a RESTful API built with **Node.js**.
- Enhanced crop health management by enabling early disease detection, reducing yield loss, and supporting sustainable agriculture.

Education

G L Bajaj Institute of Technology and Management Greater Noida

Nov 2022 - Aug 2026 B.Tech. in Computer Science and Engineering

- **CGPA:**7.8/10
- **Relevant Coursework:** HTML, CSS, JavaScript, **React.js**, **Object Oriented Programming**, Data Structures and Algorithms, Operating Systems, DBMS , Computer Networks, **Machine Learning**, Advanced Data Structures and Algorithms, **Low Level Design(LLD)** .

Awards and Certificates

- **Low-Level Design Course** – Code Help, 2024
- **Cybersecurity Virtual Internship** – Palo Alto Networks, 2023
- **Data Science Master Virtual Internship** – Altair, 2024