

NIKHIL KUMAR

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[Portfolio](#) — [LinkedIn](#)

Professional Summary

Curious and motivated 2nd-year B.Tech Computer Science student with a strong passion for full-stack web development. Skilled in building dynamic, user-centric web applications using modern technologies and love the process of building things from the ground up-from planning to deployment.

Education

KIET Group of Institutions, Ghaziabad

2023 – Present

B.Tech in Computer Science

- Relevant Coursework: Data Structures & Algorithms, Operating Systems, Java (OOP), Cybersecurity
- Currently in 4th semester

Skills & Technologies

Web Development: React, Node js, Express js, MongoDB

Programming: JavaScript, Python, C.

Tools: Git, GitHub, VS Code, Postman, Figma

Languages: English (Fluent), Hindi (Fluent)

Projects

SkillSprint – Hackathon & Team Collaboration Platform

React, Node js, Express js, MongoDB

- Developed a full-stack application for discovering hackathons, forming teams, and showcasing projects.
- Implemented user authentication, profile management, and an admin panel for event oversight.
- Designed to promote collaboration and innovation among developers.

PestiCare – Crop Disease Detection & Cure Tool

React js, Python, TensorFlow

- Created an image-based diagnosis tool allowing users to upload crop images for disease detection.
- **PestiCare uses a convolutional neural network (CNN)** to detect crop diseases from uploaded images. The model, trained on datasets like PlantVillage, identifies diseases such as blight or rust and returns predictions with confidence scores. Based on the diagnosis, the system recommends suitable treatments and preventive measures, helping farmers take quick action.

Certifications

- Full-Stack Web Developer – LinkedIn Learning, Dec 2024