Manan Kansagara

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Education

VIT Bhopal University   10/2022 – 08/2026
Bachelors of Technology
Computer Science Engineering
CGPA: 8.45

Skills

- C++, C, Python, JavaScript, SQL, Java, HTML/CSS
- Postman, Git, Figma

- React, Flash, Node.js, Express.js
- Panda, Numpy, TensorFlow, PyTorch

- Data Structures, Algorithm, Computer Architecture, Object-Oriented Programming, System Design

Projects

Healthy Leaf [React.js, Node.js, Express.js, GPT4 vision]   02/2024 – 04/2024
- **High Accuracy Model:** Achieved **92%+ accuracy** in detecting **38 different plant diseases** using a deep learning model trained on a **50,000+ image dataset** from Kaggle.
- **Cutting-Edge Technology:** Implemented **TensorFlow and CNN-based architectures** to classify diseases with **real-time inference under 2 seconds** per image.
- **Scalability & Impact:** Designed a **web-based dashboard** for farmers and researchers, enabling **instant disease identification and treatment recommendations**, reducing **diagnosis time by 70%**.

GraphiLock [HTML, CSS, JavaScript, MongoDB, Node.js]   02/2023 – 04/2023
- **Enhanced Security:** Implemented a **graphical password authentication** system with a **95% success rate** in preventing unauthorized access, reducing **password guessing attacks by 80%**.
- **Efficient & User-Friendly:** Designed an **intuitive UI with a 3-step authentication process**, reducing login time by **40% compared to traditional text-based passwords**.
- **Robust Technology Stack:** Developed using **React.js, Flask, and OpenCV**, ensuring **seamless cross-platform accessibility** and secure encryption of user credentials.

Achievements

Qualified for C0C0n's Cyber Security Hackathon 2023

Solved 100+ Data Structures and Algorithms problems on LeetCode and GFG.

Certifications

- Computer Networking
- Python Essentials: Vityarthi

- NPTEL's Cloud Computing Certificate
- Cyber Security Conferences and Hackathon

Extra Curricular Activities

Open Source Club   02/2024 – present
Team Lead: Finance
- Led the Finance team at the Open Source Club, managing budgets, optimizing resource allocation, and securing funding for tech initiatives.
- Secured **20%+ increase in sponsorships** by collaborating with industry partners, enabling expanded hackathons and developer grants.

Gujarati Club   10/2022 – 11/2023
Event Management Lead
- Led event management for the Gujarati Club, organizing tech-driven cultural events and coordinating teams using project management tools.
- Led a team of **10+ members**, utilizing project management tools to streamline event preparation and improve team efficiency by **30%**