

Gyanendra Thakur

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Summary

I am a **proactive and adaptable professional** with strengths in **leadership, teamwork, and problem solving**. As **IEEE Web Master**, I led projects and managed responsibilities efficiently. **Open-source contributions** fostered collaboration, while **hackathons** refined creativity and resilience. **Virtual internships** reinforced discipline and time management in fast-paced environments.

Education

Vellore Institute of Technology, Bhopal

August 2023 – Present

B.Tech in Computer Science and Engineering

CGPA: 8.51

Skills: NextJS, React, Python, JAVA, Javascript, Neo4J, MongoDB, Blender, GIT, GitHub, Node JS, GCP

Experience

Technical Team Member and Web Master

May 2024 – Present

IEEE Student Branch, VIT Bhopal

[offer letter](#) [🔗](#)

- Developed the **IEEE Student Branch website** using **React.js, GSAP, and Three.js**, enhancing its digital presence.
- Led events and mentored juniors in **web development** and emerging technologies.

Web Dev Intern

April 2024

Codsoft and Oasis Infobyte

[Link](#) [🔗](#)

- Successfully completed **two simultaneous internships** at **CodSoft** and **Oasis Infobyte** in **1.2 months**.
- Delivered **six projects** (4 mini and 2 major), earning an **Exceptional Performance Certificate**.

Projects

VORTEX-lang

[GitHub](#) [🔗](#) [Live](#) [🔗](#)

- Vortex is a modern, GPU-accelerated programming language designed for parallel computation and high-performance computing. It features both traditional CPU execution and innovative GPU-accelerated constructs.

AGRIM Health Care

[GitHub](#) [🔗](#)

- A healthcare based model and chat bot system that uses the power of Graph rag and Open AI to give personalized health suggestions and predict diseases.

Do Sakhi

[GitHub](#) [🔗](#) [Live](#) [🔗](#)

- A **full-stack project** using **folklores** to raise awareness in **rural communities**, especially women. It enables **NGOs to connect** via broadcasts and features **AI-generated stories** told by a **lip-synched animated character**.

Hackathons And Events

JHU VIT HealthHack 2025

[GitHub](#) [🔗](#)

- I participated in **HealthHack '25**, advancing **two rounds** with a **personalized health bot** that dynamically updates its knowledge using **Graph RAG**. We leveraged **GPT-4.5** and **Neo4j GQL** to deliver intelligent, context-aware health recommendations.
- Tools used: Python, Neo4j, GQL, Cypher query, Graph RAG, pre-trained LLM (Open AI)

NASA Space Apps 2023

[Drive Link](#) [🔗](#)

- We advanced past the **zonal rounds** as **global nominees** for **NASA Space Apps**, designing a **habitable planet concept** with scientific feasibility. Using **Blender**, we created **stunning 3D visualizations**, bringing our vision to life.
- Tools used: Blender

Open Source Events

[GitHub Profile](#) [🔗](#)

- Contributed to **Hacktoberfest '23 & '25** and **24 Pull Request**, actively engaging in open-source development. Collaborated with **Liquid Galaxy**, **Collabora Online**, and **MindsDB**, making meaningful contributions across three organizations.