

VYAS GIRI

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Education

Indian Institute of Technology (B.H.U.) Varanasi

Oct 2022 – Ongoing

Integrated Dual Degree

Technical Skills

Languages: JavaScript, Typescript, Python, Golang, PHP

Frameworks and Tools: React, Nextjs, Django, Node.js, Express.js, Postman, VS Code, Git, GitHub, Figma

Frontend: TailwindCSS, Shadcn UI, Material UI, Framer-motion

Databases & Web Technologies : PostgreSQL, MongoDB, Firestore, Google Cloud, Docker, Redis, Firebase

Work Experience

Pathnovo Solutions

May 2024 – Jul 2024

Web Development Intern

Varanasi (Hybrid)

- Developed **5+** progressive web applications using **Next.js**, **React**, **Firebase**, and **MongoDB**, improving load speeds by up to **60%**, which increased user engagement by 30% during peak traffic.
- Engineered responsive, user-centric interfaces with **Material UI** and **Framer Motion**, enhancing usability and visual appeal for diverse audiences.
- Optimized data retrieval by making API requests through **Axios** and reducing latency by 40% with **Redis** caching.
- Constructed backend APIs using **Node.js** and implemented **Regex** for precise form input validation, reducing user input errors by 25%.
- **Technical Exposure:** Figma, Redis, GitHub workflows.

Opined

Jan 2024 – Mar 2024

Web Development Intern

Varanasi (Remote)

- Created an **SEO**-optimized, responsive application with **Next.js**, improving search ranking and boosting organic site traffic by 20% within the first month.
- Crafted an intuitive interface with **Tailwind CSS** and **Framer Motion**, facilitating over 200 feedback sessions that guided iterative design improvements and increased user satisfaction.
- Administered **MySQL** database via **phpMyAdmin**, ensuring efficient data management and integrity across 10,000+ records.
- Deployed the MySQL server on **Azure**, providing scalable and secure database hosting, which enhanced application uptime by 15%.
- **Technical Exposure:** Azure, phpMyAdmin, Laravel.

Projects

E-commerce Platform

[Source Code](#)

- * Developing a robust, full-featured E-commerce platform using **Next.js**, designed to support a scalable user base.
- * Integrated **Sanity.io** as an admin panel, increasing efficient content management by 50%.
- * Leveraging **Redux** for centralized state management across the app and **MongoDB** for secure and efficient data storage.
- * Designed an interactive and responsive frontend with **Tailwind CSS** and **Framer Motion**, projected to enhance user interaction by 20% through improved visual appeal and responsiveness.

Position Of Responsibility

Training and Placement Cell

Jun 2024 – present

Tech Team Representative

IIT (B.H.U.)

- * Managing and optimizing the backend (**Golang**) and frontend (**Next.js** and **TypeScript**) for IIT (B.H.U.)'s Training and Placement Cell portals, enhancing system reliability and reducing downtime by 20%.
- * Overseeing portal deployments on **Google Cloud**, achieving improved accessibility and load handling during peak usage periods.

Technex'24

Sep 2023 – Mar 2024

Tech Team Member

IIT (B.H.U.)

- * Developed and launched the official Technex'24 website and a Campus Ambassador Portal, supporting event operations and facilitating ambassador engagement with a user-friendly design.
- * Implemented a responsive frontend using **Next.js**, **Tailwind CSS**, and **Shadcn UI**, along with a scalable **Django** backend, resulting in a 40% increase in site traffic during the event period.

Honours And Achievements

- Awarded **1st place** in the **ImaGenAI: Prompt Engineering** contest by **IIT Delhi**, competing against 800+ teams.
- Secured **2nd place** in **SynthAI**, an AI/ML for bioinformatics competition hosted by **IIT Delhi**, competing against over 200 teams