

# VYAS GIRI

+91 9695425968 vyasgiri25@gmail.com [vyas-giri](#) [vyas-giri](#) Portfolio

## 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