

VISHAL KUMAR

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CAREER OBJECTIVE

Full Stack Developer with a strong focus on backend technologies, actively pursuing a challenging role as a Full Stack Developer or Backend Developer. Eager to leverage my proficiency in **Node.js**, **Next.js**, **Redis**, and **Docker** to drive the development of innovative, high-performance web applications that address complex real-world challenges.

EDUCATION

Institute of Engineering and Management

Bachelor of Technology in Computer Science and Engineering

Kolkata, India

August 2022 – Present

EXPERIENCE

MLH Hackbyte 2.0

Hackathon Winner - Godspeed Track

IIIT Jabalpur

September 2023

- Developed a model that translates sign language to readable text and vice versa in real time during video calls using OpenCV and machine learning models.

PROJECTS

Write Flow

Document Editing App | [Live Demo](#) | [GitHub](#)

- Designed an intuitive document editing application that empowers users to seamlessly write, format, and publish structured content, significantly streamlining the content creation process with customizable templates and an engaging dashboard.

Devcord

Innovative Communication Platform | [GitHub](#)

- Engineered a next-generation communication platform focused on developer-centric features, employing Next.js for the frontend and a serverless, Golang backend. Integrated real-time capabilities using WebSockets alongside Redis and Kafka for optimal performance.

Starter Kit

Web Application Foundation | [GitHub](#)

- Built a starter kit project using Next.js 15, incorporating OAuth for authentication, file storage, Nodemailer for email services, Razorpay for payment processing, and PostHog for analytics to simplify project initialization.

Portfolio Website

Personal Portfolio | [Live Demo](#) | [GitHub](#)

- Developed a portfolio website featuring Discord integration using Lanyard for real-time status and GitHub API integration via Egoist API to showcase projects and contributions dynamically.

Animata

Animation and Interaction Library | [Live Demo](#) | [GitHub](#)

- Contributed to Animata, a library that brings sites to life with easy-to-use animation and interaction code, allowing users to copy, paste, and animate.
- Developed hand-crafted interaction animations and effects from various sources, facilitating seamless integration into projects.

SKILLS SUMMARY

Programming Languages: JavaScript, TypeScript, Golang, C++, Python, SQL

Technologies: Next.js, Node.js, Prisma, Redis, GraphQL, Tailwind CSS, Socket.IO

Soft Skills: Problem Solving, Team Collaboration, Leadership

Tools: Git, GitHub, Docker, Kafka, Redis, PostgreSQL