VISHAL KUMAR

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CAREER OBJECTIVE

Full Stack Developer with a strong backend focus, seeking a dynamic role to build scalable, high-performance applications. Passionate about leveraging expertise in Node.js, Next.js, Redis, and Docker to create impactful, innovative solutions that solve real-world challenges and enhance user experience.

SKILLS SUMMARY

Programming Languages: JavaScript, TypeScript, Go, SQL, NoSQL
Frontend Development: Next.js, React, Redux, Zustand, Tauri
Backend Development: Node.js, Golang, Redis, Kafka, RESTful APIs, Socket.io
Cloud & DevOps: Docker, Kubernetes, Serverless Architecture, CI/CD Pipelines
Testing & Debugging: Unit Testing, API Testing, Troubleshooting

EDUCATION

Institute of Engineering and Management   Kolkata, India
Bachelor of Technology in Computer Science and Engineering   *August 2022 – Present*

EXPERIENCE

MLH Hackbyte 2.0   IIIT Jabalpur
Hackathon Winner - Godspeed Track   *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.

Animata
Animation and Interaction Library | **Live Demo** | **GitHub**   October 2024 - Present
- 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.

PROJECTS

Write Flow
Blogging App | **Live Demo** | **GitHub**   July 2024 - September 2024
- Write Flow is a dynamic social platform where users can connect, share, and manage their writing. Featuring secure authentication, friend requests, and an interactive dashboard with visual analytics, it enables seamless content creation and discovery through tag, title, and description search.

Devcord
Innovative Communication Platform | **GitHub**   October 2024 - Present
- 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**   October 2024 - Present
- 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**   September 2024 - October 2024
- 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.