

SHIVENDRA KESHARI

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Education

KIET Group of Institutions, AKTU

B.Tech in Computer Science (CGPA: 8.25/10)

Nov. 2022 – Aug. 2026

Ghaziabad, India

Experience

Frontend Developer Intern

Nov. 2023 – Feb. 2024

School For All

Remote

- Built a responsive and accessible frontend for **TheFutureClassroom** using React.js, improving page responsiveness and UI consistency while reducing load-time issues by **20–25%** through optimized component design and API integration.
- Worked with designers and backend teams to refine user flows and deploy features that enhanced usability for students and teachers, contributing to a smoother learning experience for **500+ active users** and increasing o platform engagement.

SDE Intern

Sep. 2025 – Oct. 2025

Vitrage Solutions

Remote

- Engineered key modules for an NDIS platform by integrating **20+ customized features** that simplified internal processes and cut down repetitive manual steps by **25–30%**. Strengthened platform security by designing an **RBAC-based access system** with Supabase, leading to a measurable **35% reduction in permission-related errors**.
- Boosted system performance by leveraging **Next.js (App Router)**, **TypeScript**, **Express.js**, and **Redis caching**, which enhanced API responsiveness by **30%** and improved system scalability. Developed modular frontend components and reusable backend utilities, helping the team accelerate future development and reduce feature rollout time.

Technical Skills

Languages: Java, JavaScript, HTML, CSS

Frameworks / Libraries: React.js, Redux, Tailwind CSS, Node.js, Express.js

Databases / Tools: MongoDB, SQL, Redis, REST APIs, WebSocket, GitHub, Postman

Cloud Deployment: Vercel, Netlify, Hostinger

Projects

AlgoFlow | *React.js, Node.js, MongoDB, WebSockets* | [Link](#)

- Built an **interactive platform** that visualizes **data structures and algorithms** through **smooth, step-by-step animations**, helping learners clearly understand **execution flow** and improving **conceptual clarity by 40%**.
- Optimized **animation rendering** and **component performance** to deliver **stable, lag-free transitions** for **complex operations**, improving **responsiveness by 35%** and enhancing the overall learning experience.

StudyNotion | *React.js, Node.js, MongoDB* | [Link](#)

- Developed a full-featured EdTech platform with **role-based dashboards**, **profile management**, **password recovery**, and secure JWT authentication, improving system access control and security by **40%**.
- Implemented course creation, media uploads, automated enrollment workflows, and integrated Razorpay + Redux to enhance frontend performance by **30%** and reduce payment failures by **15%**.

LinkTree | *Next.js, PostgreSQL* | [Link](#)

- Built a customizable link-sharing platform using **Next.js (full-stack)** with server-side routes for managing links and user profiles, backed by **PostgreSQL**. Enabled creators to consolidate and showcase all important links in one place.
- Implemented analytics tracking to monitor visitor interactions and link clicks, giving users **45% better insight** into engagement. Designed a responsive, mobile-first UI and optimized server rendering to reduce page load time by **25%**.

Achievements

Smart India Hackathon (SIH) 2024 – Finalist | [Link](#)

- Developed a **text-to-sign language conversion platform**, enabling real-time gesture translation and improving accessibility for **hearing-impaired users**.

NASA Space Apps Challenge 2024 – Organizer | [Link](#)

- Organized the NASA Space Apps Hackathon at KIET with **150+ participants**, managing **logistics**, **registrations**, **promotions**, and coordinating mentors and participants for smooth execution.