VISHAL KUMAR SINGH

Full Stack Developer | vishalvoid.com

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Experience

Skill Bud Technologies Pvt. Ltd. | Full-time   **Nov 2023 – Present**
Full Stack Developer   *Noida, Uttar Pradesh*

- Developed a full-stack Project Management System using Node.js (TypeScript, Express), React, Turborepo, and JWT-based RBAC for secure and scalable deployment.
- Designed optimized PostgreSQL schema with Prisma ORM, ensuring data normalization, indexing, and audit trails.
- Built a performant API layer with Zod validation, pagination, filtering, caching, and batching for scalable data access.
- Achieved 100% test coverage with Vitest (unit, integration, API tests) in a monorepo setup.
- Led CI/CD integration and optimized frontend state management using Redux Toolkit and custom React hooks.
- Built "AR-Magic," a web-based digital visiting card platform with AR, QR/NFC integration, secure JWT/OTP auth, and AWS S3 media storage (Next.js, MongoDB, Vercel).

Codemix Technologies Pvt. Ltd. | Internship   **Apr 2023 – Sept 2023**
Mern Stack Developer Intern   *Noida, Uttar Pradesh*

- Built a geolocation platform to convert and transmit client geocode data as readable addresses with Node.js, Express, React, and Mongoose.
- Engineered a role-based authentication system with real-time monitoring for HR/service applications.
- Implemented secure mobile/email OTP login with hashed credentials, enhancing UX and data protection.

Projects

(Rabrees) E-Commerce with CMS   **December 2023**

- Developed a full-stack eCommerce platform using Next.js, React, Redux, and MongoDB, integrating secure authentication (JWT), payment processing (Razorpay), and shipping automation (Shiprocket).
- Implemented an admin dashboard with product, user, and content management features, leveraging RESTful APIs, AWS S3 for image storage, and advanced filtering/search functionalities.
- Optimized the platform for SEO, performance, and mobile responsiveness, ensuring a seamless user experience across devices with Tailwind CSS and Next.js SSR/ISR techniques.

Dravin - Social Media Web-app   **March 2023**

- Created a MERN Stack based Social Media application. Where you can make friends, upload photos, like, comment much more.
- Used React.Js for Frontend, Node.Js as a server-side language along with Express.Js for backend. for MongoDB database with Mongoose.
- Created RESTapi to handle various CRUD operations. integrated live news feed from NYT api.Used Created JWT string for Authentication Like Login/Signup. For testing: email: vishal@gmail.com, password: 12345678

Education

GLA University   **Mathura, Uttar Pradesh**
Master's in Computer Application   *August 2024 - August 2026*

Glocal School of Information Technology   **Saharanpur, Uttar Pradesh**
Bachelor's in Computer Application.   *July 2020 – July 2023*

Technical Skills

Languages: Java, Javascript, Typescript,
Frameworks & Libraries: Next.Js, React.Js, Node, Express, Vitest/Jest, Zod, Redux, Recoil, TailwindCSS, GSAP, ThreeJS, React Native
Database & ORM : Postgresql, MongoDB, MySQL, Mongoose, Prisma
Developer Tools: Linux, Git, Github, Visual Studio Code, Git/Github, Postman, Figma
Familiar With : AWS, Redis, Web Sockets, WebRTC, gRPC, Prometheos, Grafana, Kubernates,

Leadership / Extracurricular

- Led a development team of two at the company and successfully delivered projects on time, ensuring code quality and timely deployment.
- Completed the Google Cloud Facilitator Program, earning 20+ skill badges across cloud computing, DevOps, and data engineering tracks.
- Actively participated in Hacktoberfest, GirlScript Summer of Code (GSSoC), Postman Student Program, and other open-source/community initiatives.