Nikesh kumar R *Full Stack developer*

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OBJECTIVE

Highly motivated and detail-oriented **MERN Stack Developer** with a strong foundation in **MongoDB, Express.js, React.js, and Node.js**. Passionate about building **scalable web applications** and creating seamless user experiences. Proficient in **front-end and back-end development**, API integration, and database management. Skilled in **React-Vite**, JavaScript (ES6+), HTML, CSS, and RESTful APIs, with hands-on experience in developing **dynamic dashboards and learning management systems**. Strong problem-solving abilities, eager to learn new technologies, and committed to delivering high-quality code. A quick learner and a collaborative team player, ready to contribute innovative solutions to a forward-thinking organization. Seeking an opportunity to leverage my skills in **full-stack development** to build impactful digital products.

PROJECTS

Learning Dashboard

Developed a **Learning Dashboard** using the **MERN stack**, aimed at enhancing the learning experience for students, educators, and course coordinators. The platform provides a **customizable, interactive, and authentication-based** learning environment with features like **course creation, study plans, task submissions, and quiz evaluations**. It supports **light and dark mode** for an improved UI experience.

<u>Key Contributions</u> - Designed and developed a **secure authentication system** (JWT-based). Built a **role-based access control** system for **Admins, Educators, and Students**. Implemented **course creation and study plans** to help educators manage content effectively. Developed **quiz evaluations and task submission features** for better learning tracking. Integrated **RESTful APIs** for handling user management and data retrieval. Improved UI/UX with **React Vite**, ensuring a **fast and responsive** experience. Used **MongoDB Aggregation** for efficient database queries and optimized performance. Implemented **error handling and validation** for secure and seamless functionality.

<u>Tech Stack</u>
- **Frontend:** React, Vite, API, CSS
- **Backend:** Node.js, Express.js
- **Database:** MongoDB, Mongoose
- **Authentication:** JWT (JSON Web Token)
- **State Management:** React Hooks
- **API Handling:** Axios, RESTful APIs

SKILLS

Full Stack Development (MERN)
- **Frontend:** HTML, CSS, JavaScript (ES6+), React.js, Vite, CSS, Bootstrap
- **Backend:** Node.js, Express.js, RESTful APIs
- **Database:** MongoDB, Mongoose
- **Authentication & Security:** JWT (JSON Web Token), bcrypt.js

Additional Technologies & Tools
- **Version Control:** Git, GitHub
- **State Management:** Context API, Redux (Basic)
- **API Handling:** Axios, Thunder client
- **Deployment:** Vercel (Frontend), Render(Backend),MongoDB atlas (Database)
- **Testing & Debugging:** Chrome DevTools, Thunder client

EDUCATION

Bachelor of Engineering in Mechanical Engineering,   dindigul, India
NPR collage of engineering and technology