

# Shivam

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## PROFESSIONAL SUMMARY

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Dedicated **MERN stack developer** with hands-on experience in **designing, developing, and deploying** web applications. Skilled in **building scalable, secure full-stack solutions, integrating APIs, and managing databases**. Focused on **writing clean code, finding efficient solutions, and staying updated on emerging technologies** to deliver reliable software.

## TECHNICAL SKILLS

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- **Languages & Frameworks:** JavaScript, TypeScript, React.js, Node.js, Express.js
- **Frontend:** React.js, Tailwind CSS
- **Backend:** Node.js, Express.js, REST APIs, JWT, CORS, bcrypt.js, Zod, WebSockets, Socket.io
- **Database:** MongoDB, Mongoose, MongoDB Atlas
- **Tools & Platforms:** Git, GitHub, NPM, VS Code, Linux

## PROJECTS

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**KeepIt** *TypeScript, React.js, Recoil, Tailwind CSS, Node.js, Express.js, MongoDB, JWT, Zod* [GitHub](#)

- Developed **KeepIt**, a **personal knowledge management** platform designed to store and organize useful links and content for quick and easy access, streamlining information retrieval.
- Engineered **secure and scalable back-end systems** with Node.js and MongoDB, ensuring fast data retrieval and efficient resource management.
- Designed an intuitive UI with React.js and Tailwind CSS, incorporating state management through Recoil for seamless, real-time updates across the platform.
- Integrated **JWT authentication** for user sessions and deployed **Zod validation** to enforce type safety, significantly improving data integrity and user security.

**TeachHub** *JavaScript, Tailwind CSS, React.js, Node.js, Express.js, MongoDB* [GitHub](#)

- Designed and developed a **course marketplace platform**, integrating secure authentication and user management.
- Built **scalable RESTful APIs** with Express.js and Node.js, reducing API response times by **40%**, which enhanced the overall user experience.
- Utilized **Zod for data validation** to ensure the integrity of user inputs, improving platform stability and data accuracy.
- Architected a robust **MongoDB NoSQL database** to efficiently handle up to **10,000+ records**, optimizing search and retrieval performance.

**Portfolio Website** *HTML, CSS, JavaScript* [Live Link](#)

- Developed an **interactive portfolio website** to showcase projects and skills with a clean UI.
- Implemented **smooth transitions & animations** for improved user engagement.
- Ensured **responsive design** optimized for both desktop and mobile views.

## EDUCATION

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**BCAS, Delhi University** Dwarka, Delhi  
*BSc Hons. Computer Science* 2021–2024

**Vijaya Sr. Sec. School** Bahadurgarh, Hr  
*12th* 2020–2021