

Shivam

📍 Bahadurgarh ✉ shivamvashist2003@gmail.com ☎ +91 9817786570 🔗 Portfolio in Shivam Vashist
🌐 ShivamVashist

Projects

TeachHub

GITHUB [🔗](#)

- **TeachHub is a feature-rich online course marketplace** leveraging the MERN stack, facilitating seamless interaction for over 500 active users, including educators and students.
 - **Developed scalable RESTful APIs** using **Express.js** and **Node.js**, optimizing backend workflows and reducing API response times by 40%.
 - **Implemented a responsive front-end** with **React.js**, achieving a 30% improvement in user engagement and accessibility metrics across multiple devices.
 - **Integrated secure authentication mechanisms**, leveraging **bcrypt** for encrypting over 1,000 user passwords and **JWT** for token-based authentication, ensuring 99.9% security uptime.
 - **Ensured data accuracy and validation** with **Zod**, decreasing data-related errors by 25% and improving database integrity for user profiles and course materials.
 - **Designed a scalable NoSQL database architecture** with **MongoDB**, supporting efficient storage and retrieval of data for over 10,000 course entries and user records.
 - **Optimized overall platform performance**, reducing page load times by 35% and enhancing the user experience for a growing user base.
- * **Tech Stack:** JavaScript, Tailwind CSS, React.js, NODE.js, Express.js, MongoDB
 - additional tools and packages: ZOD, Bcrypt, JWT, REST

Skills

- **Programming Languages:** Typescript, JavaScript, Java
- **Frontend:** React.js, Tailwind, JavaScript (Redux, Axios/Fetch API).
- **Backend:** Node.js, Express.js (JWT, CORS, REST, Passport.js, bcrypt.js, Zod).
- **Database:** MongoDB (Mongoose)
- **Tools/Platform:** Git, Github, NPM, MongoDB Atlas, VS Code, Linux

Education

UG	Bhaskaracharya College of Applied Sciences, DU BSc Hons. Computer Science	2021–2024
12th	Vijaya Sr. Sec. School, Bahadurgarh CBSE - 96.4 %	2020–2021
10th	Vijaya Sr. Sec. School, Bahadurgarh CBSE - 96.0 %	2018–2019

Soft Skills

- Skilled in analyzing problems and devising effective solutions
- Excellent communication and collaboration abilities
- Quick to adapt to evolving tools, processes, and technologies
- Focused on precision and ensuring code quality through structured and maintainable development practices.
- Efficiently manages time and meets project deadlines under pressure
- Works cohesively within agile development teams to achieve shared goals