

# Shivam

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

## Summary

**Enthusiastic MERN Stack Developer** with hands-on experience designing, developing, and deploying dynamic web applications using **MongoDB, Express.js, React.js, and Node.js**. Skilled in building scalable and secure full-stack solutions, integrating **RESTful APIs**, and managing front-end and back-end development. Proficient in database management and committed to writing clean, maintainable, and efficient code. Known for strong problem-solving abilities, attention to detail, and staying updated on emerging web technologies. Driven by a passion for continuous learning and delivering high-quality software solutions that meet user and business needs.

## Projects

### TeachHub( FullStack )

[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

### Portfolio( FrontEnd )

[LIVE](#)

- This portfolio is a visually appealing and interactive platform built using raw HTML and CSS.
  - **Interactive Design:** Built with raw HTML and CSS, featuring smooth transitions and eye-catching animations.
  - **Creative Layouts:** Unique and well-organized sections for an engaging user experience.
  - **Responsive Design:** Optimized for both desktop and mobile viewing.
  - **Minimalist Yet Functional:** Focused on clean design while emphasizing core content.
- \* **Tech Stack:** Html, CSS, JavaScript

## Skills

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- **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

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

## Soft Skills

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- 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