

SHIVAM PATHAK

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TECHNICAL SKILLS:

- **Frontend:** React.js, JavaScript, TailwindCSS , Bootstrap , MaterialUI
- **Backend:** Django, Node.js , Express.js
- **Database:** SQLite , MySQL, MongoDB , PostgreSQL
- **Languages:** Python, C++, HTML, CSS, JavaScript
- **Data Structure and Algorithms (DSA)**

PROJECTS:

Eventify :- College event management Platform (MERN Stack) | [GitHub](#) | [Deployed Link](#)

- Developed **Eventify**, an event management platform using the **MERN stack**.
- Built features for event creation, management, and user participation with a responsive **React** frontend.
- Designed a secure backend with **Node.js** and **Express.js**, and implemented scalable data storage using **MongoDB**.
- Optimized performance and ensured seamless functionality through thorough testing and debugging.
- Technologies Used: MongoDB, Express, React, Node.js, Material-UI.

The Scoreboard :- College Noticeboard and Results Platform (Django) | [GitHub](#) | [Deployed Link](#)

- Developed a platform using Django for backend and SQLite for the database to facilitate student result viewing and access to college notices.
- Implemented separate logins for students and teachers, ensuring security and access control.
- Technologies Used: Django (Python framework), SQLite (Django's built-in database).

BloggIT :- A blog and Journal writing Platform (MERN STACK) | [GitHub backend](#) | [GitHub frontend](#) | [Deployed Link](#)

- Developed BloggIT, a MERN stack platform for blog creation, journaling, and user interaction.
- Added features like likes, comments, and private journals, with secure authentication and a responsive Material-UI design.
- Technologies Used: MongoDB, Express, React, Node.js, Material-UI.

EXPERIENCE:

Backend Development Projects

- Developed scalable and efficient backend systems using **Django** and **Node.js**, delivering seamless integration with frontend interfaces.
- Designed and implemented RESTful APIs with **Express.js**, enabling secure and reliable data exchange between client and server.
- Managed databases including **SQLite**, **MySQL**, **MongoDB**, and **PostgreSQL** to ensure efficient data storage, retrieval, and optimization for high-performance applications.
- Created custom database schemas and optimized queries for improved system efficiency and scalability.

- Implemented robust authentication and authorization mechanisms to secure application data and user accounts.
- Utilized ORM tools like Django ORM and Sequelize to simplify database operations and maintain data integrity.
- Conducted rigorous testing and debugging to identify and resolve issues, ensuring high-quality backend performance.
- Collaborated with cross-functional teams to design end-to-end solutions, achieving business objectives effectively.

Frontend Development Projects

- Designed and developed responsive and user-friendly web interfaces using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and optimal performance.
- Utilized modern frameworks like React to create dynamic, component-based architectures for seamless user experiences.
- Leveraged Bootstrap and Tailwind CSS to implement mobile-first designs, maintaining consistency and scalability across devices.
- Integrated Material-UI components to enhance the visual appeal and usability of applications.
- Optimized code for performance and maintainability, ensuring adherence to industry best practices and standards.
- Conducted usability testing and debugging to ensure high-quality deliverables aligned with user requirements and project objectives.
- Contributed to version control and collaborative workflows using Git, ensuring efficient code management and teamwork.

EDUCATION:

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| • St. Aloysius institute of technology, Jabalpur
B.Tech - Computer Science - CGPA - 7.12 (till 6th sem.) | 2021 – 2025
Jabalpur, M.P. |
| • Kailas Saraswati inter college, Kanpur
12 th – percentage – 72 | 2019-2020
Kanpur, U.P. |
| • Kailas Saraswati inter college, Kanpur
10 th – percentage – 76 | 2017 – 2018
Kanpur, U.P. |