SHIVAM PATHAK

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TECHNICAL SKILLS:

- **Frontend:** React.js, JavaScript, TailwindCSS , Bootstrap , MaterialUI
- **Backend:** Django, Node.js , Express.js, Next.js,
- **Database:** SQLite , MySQL, MongoDB , PostgresSQL
- **Languages:** Python, C++, HTML, CSS, JavaScript
- **Data Structure and Algorithms (DSA)**
- **Version Control & Tools :** Git and GitHub (version control) , vercel (deployment)

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 :-Blog & Journal writing Platform (MERN Stack) | GitHub backend | 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.

Trend scrapper :- Twitter trend scrapper project | Github

- Automated the extraction of top 5 Twitter trends from the "What's Happening" section using **Selenium**.
- Secured login process by integrating environment variables for sensitive credentials.
- Integrated **ProxyMesh API** to anonymize scraping requests and obtain dynamic IP addresses.
- Stored trend data along with timestamps and IP information in **MongoDB**.
- Developed a user-friendly interface using **Express.js** and **EJS** for dynamic data display.

EXPERIENCE:

ReactJS developer intern - CodSoft   July 2024 – Dec 2024 (6 months)

- Developed and optimized dynamic, responsive web applications using React.js, enhancing user experience and performance.
- Integrated APIs and backend services to deliver seamless functionality, focusing on real-world problem-solving and client requirements.

Other experiences :

Backend Development Projects

- Developed scalable backend systems with Django and Node.js, integrating seamlessly with frontend interfaces.
- Designed and implemented secure RESTful APIs using Express.js and optimized database operations with SQLite, MySQL, MongoDB, and PostgreSQL.
- Created custom database schema and used Django ORM and Sequelize for efficient management of data.
- Ensured system security through robust authentication and authorization mechanisms.
- Thoroughly tested and debugged to keep high-performance, reliable backend solutions.

Frontend Development Projects

- Developed responsive, user-friendly web interfaces using HTML, CSS, and JavaScript and maintained cross-browser compatibility.
- Built dynamic applications using React with Material-UI components to enrich user experiences.
- Implemented mobile-first designs with Bootstrap and Tailwind CSS, ensuring consistent performance across devices.
- Optimized code for maintainability and performance, following industry best practices.
- Conducted usability testing, debugging, and controlled the version with Git to ensure that high-quality project outcomes result.

EDUCATION:

- St. Aloysius institute of technology, Jabalpur   2021 – 2025
  B.Tech - Computer Science - CGPA - 7.33 (till 7th sem.)   Jabalpur, M.P.

- Kailas Saraswati inter college, Kanpur   2019-2020
  12th – percentage – 72   Kanpur, U.P.

- Kailas Saraswati inter college, Kanpur   2017 – 2018
  10th – percentage – 76   Kanpur, U.P.