Shreya Srivastava

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Experience

Banghome   Remote
Full Stack Developer Intern   *March. 2025 – Present*
- Implemented single-click login and logout functionality through Single Sign-On (SSO) and JSON Web Tokens (JWT) for streamlined user authentication using Next.js in the frontend and typescript at the backend also interacted with PostgreSQL database using SQL commands to manage and retrieve data using drizzle-kit.
- Migrated backend database from MongoDB (Mongoose) to PostgreSQL, rewriting and adapting every data access function to use raw SQL commands via Drizzle ORM. Ensured seamless integration with existing TypeScript backend and Next.js frontend, maintaining full feature parity and improving relational data handling efficiency.

Projects

Weather Application| *React.js, OpenWeatherMap API, CSS*   *May-2025*
- Built a real-time weather forecast application using React, integrating the OpenWeatherMap API for city-based search functionality. Utilized useState, useEffect, and useRef hooks for dynamic data handling, conditional rendering, and enhanced user interactivity. Implemented icon mapping with imported assets and ensured responsive UI using custom CSS. Focused on clean UX, error handling, and optimized fetch calls for reliable performance.

Calculator| *React.js, CSS*   *May-2025*
- Built a functional calculator using React hooks, including useState for managing input, useEffect for side effects, and useReducer for complex state logic. The app efficiently handles user interactions and dynamic calculations with a clean, maintainable code structure.

BMI- Calculator | *React.js, CSS*   *April-2025*
- Built a responsive BMI calculator using React for dynamic interaction and real-time updates. Styled the application with Tailwind CSS for a clean, modern interface and seamless responsiveness across devices. The project emphasizes user experience, interactive UI components, and efficient state management within a lightweight and fast frontend application.

Breast Cancer Detection Website | *SVM, Python, Flask*   *April-2024*
- Developed a web-based breast cancer detection application using Support Vector Machine (SVM) for its superior accuracy compared to other algorithms. Utilized Pandas for data manipulation and analysis of CSV datasets, and employed NumPy for numerical computations.
- Implemented data visualization using Matplotlib and Seaborn to gain insights from the data. Leveraged Python to load modules, create DataFrames, determine results, and run the application. Designed the frontend using HTML and CSS, and deployed the application using Ngrok for server tunneling.

Certifications

Git & Github   *May-2025*
Certified by Le Wagon. View Certificate

Presented Research Paper on Breast Cancer Prediction using SVM   *April-2024*
Certified by ICIDSSD'24, Jamia Hamdard University. View Certificate

Data Analysis with Python   *Oct-2023*
Certified by Free Code Camp. View Certificate

Fundamentals of Digital Marketing   *Sept-2023*
Certified by Google. View Certificate

Responsive Web Design   *June-2021*
Certified by Free Code Camp. View Certificate

Technical Skills

Languages: C, C++, Java, JavaScript, Python, SQL (MySQL)
Frameworks/ Libraries: React.js, Next.js, Tailwind CSS, Flask, Pandas, NumPy
Tools: Git, VS Code, Linux, Google Colab, Cursor.ai

Education

Maharaja Surajmal Institute, GGSIPU   New Delhi
Bachelor of Computer Application   *Dec. 2021 – Aug. 2024*