SWATI SINGH

Lucknow, Uttar Pradesh

📞 +91-7355627554 ✉ singhswatii147@gmail.com 🔗 Linkedin ⃝ Github

EDUCATION

Vellore Institute of Technology, Bhopal	**2021 – 2025**
B.Tech - Computer Science and Engineering - ***CGPA - 8.08***	*Bhopal,Madhya Pradesh*
Almighty Montessori Inter College, Lucknow	**2020 – 2021**
Intermediate - ***Percentage - 72.4***	*Lucknow,Uttar Pradesh*
Almighty Montessori Inter College, Lucknow	**2018 – 2019**
High School - ***Percentage - 77.33***	*Lucknow,Uttar Pradesh*

PROJECTS

DSA Saga ⬀ | HTML, CSS, JavaScript, ReactJS, render (for hosting)   **Dec 2022**

- Designed a one-month structured strategy for revising and practicing Data Structures Algorithms (DSA) to help individuals prepare for competitive coding and technical interviews.
- Integrated progress tracking, step-by-step exercises, and React Router for smooth navigation between lessons, exercises, and roadmaps.
- Embedded CodePen for live coding demonstrations, enhancing learning experiences for beginners.
- Added an **interactive quiz module** to test users' understanding of concepts, providing instant feedback and performance tracking.

coffeeScribe ⬀ | React js, JavaScript, MongoDB, RESTful API, JWT for authentication   **May 2024**

- Built a digital platform that allows users to manage, edit, and access their information with a smooth and interactive UI.
- Implemented secure user authentication, ensuring only authorized users can access their personalized space.
- Enabled CRUD operations (Create, Read, Update, Delete) for seamless content management.
- Designed the platform with strict data privacy measures, preventing unauthorized access to sensitive user information.
- Integrated a rich-text editor, allowing users to format and customize their content for a more personalized and engaging experience.

TastyTable⬀ | ReactJs, TailwindCSS, Edamam API, MongoDB, NodeJS   **2024**

- Developed a recipe search application that allows users to find recipes by making API calls to Edamam.
- Utilized React's useState useEffect hooks to manage search input, recipe lists, and loading states.
- Implemented a unified login and signup system within the application.
- Styled the UI with Tailwind CSS, ensuring a highly responsive and visually appealing design.
- Enhanced user experience by integrating filters and categories, allowing users to refine recipe searches based on ingredients, diet preferences, and cuisine types.

TECHNICAL SKILLS

- **Programming Languages:** C++, JavaScript, SQL
- **Frameworks & Libraries:** HTML, CSS, ReactJS, ExpressJS, NodeJS
- **Databases:** MongoDB, SQL
- **Tools:** Visual Studio, Github
- **Soft Skills:** Communication, Teamwork, Adaptability, Time Management

CERTIFICATIONS

- AWS Cloud Practitioner Certification – Validates skills in cloud computing fundamentals and AWS best practices.
- Ethnus MERN Full-Stack Certification - Proficient in building end-to-end web applications using MongoDB, Express.js, React, and Node.js.

EXTRACURRICULAR

- Core Member – Meraki-Fine Arts Club, VIT Bhopal (April 2022-2024).
- Core Member – NSS Club, VIT Bhopal.