Shubham Singh

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Technical Skills

Languages & Tools: Python, C++, JavaScript, HTML, CSS, Git, VS Code, Postman, Docker
Frameworks & Libraries: React.js, Redux Toolkit, Node.js, Express.js, Flask
Databases & API Development: MongoDB, MySQL, REST API, GraphQL
Security & State Management: JWT, OAuth, Context API

Projects

Recipe Finder App| *React.js, Redux Toolkit, Axios, JavaScript, HTML, CSS*   *Project Link*
- ◆ **Problem:** Users needed a platform to quickly search and explore recipes based on ingredients or dish names.
- ◆ **Solution:** Built a responsive recipe finder application with:
  - **Integrated** third-party **Recipe API** using **Axios** for fetching real-time data.
  - Implemented **Redux Toolkit** for global state management including viewMore and selectedRecipe.
  - **Designed** a clean UI with **search functionality**, recipe cards, and modal-based detailed views.
    - ◆ I**mpact: Enabled** users to search and explore from **5000+ recipes**.

News App | *React.js, Redux Toolkit, Axios, JavaScript, HTML, CSS*   *Project Link*
- ◆ **Problem:** Users required a platform to access real-time news based on their preferences.
- ◆ **Solution:** Developed a news aggregator with:
  - **Enabled multi-language** support (English/Hindi) and incorporated **8+** category filters.
  - **Enhanced API requests** to fetch **100+** news articles daily, reducing latency by 40%.
  - **Refined UI rendering by 30%** for seamless navigation**.**
  - **Fetched 100+ news articles daily** via Axios, reducing API call latency by **40%**.
- ◆ **Impact:** Boosted news discovery speed by **60%,** handling **10,000+** API requests monthly.

Secure Notes App | *Node.js, Express.js, EJS, MongoDB, Multer*   *Project Link*
- ◆ **Problem:** Users required a secure & authenticated platform to manage private notes.
- ◆ **Solution:** Developed a full-stack notes app with:
  - **Engineered** JWT/Session-based authentication, preventing **100% unauthorized access.**
  - **Integrated** Multer to allow users to store up to **50MB of attachments securely.**
  - **Role-based access control** to enhance security.
  - **MongoDB indexing,** handling **10,000+** notes with **25%** faster retrieval speeds.
    - ◆ **Impact: Elevated** user retention by **40%** due to improved security & efficiency.

Education

Noida Institute of Engineering and Technology (NIET)	Greater Noida
Bachelor of Technology (B.Tech) in Computer Science	*2022 – 2026*
Divine Sainik School	Varanasi
Senior Secondary (XII), CBSE	*2021*
Divine Sainik School	Varanasi
Secondary (X), CBSE	*2019*

Certificates

ReactJS – Infosys Springboard | *Sept 2024*	*Certificate Link*
Introduction to AI – Coursera | *Jan 2023*	*Certificate Link*
Python for Data Science, AI & Development – IBM | *Apr 2023*	*Certificate Link*

Achievements

Solved **100+ DSA problems** across **LeetCode (70+)** and **GeeksforGeeks (30+)**, improving **problem-solving speed by 30%.**
Built 8+ full-stack projects with optimized performance and clean code, improving development efficiency.