Samridhi Sharma

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WORK EXPERIENCE

Madhusudan Traders   **Lucknow, Uttar Pradesh**
Web Developer   *May 2024 - Present*

- Optimized app performance using AWS and Docker, achieving a 75% reduction in loading time, while enhancing user experience with CSS and JavaScript animations, driving a 40% increase in user engagement.
- Developed a comprehensive internal app with ReactJS, NodeJS, and Python, featuring real-time progress notifications, lead insights, and monitoring tools, boosting team efficiency by 50%.

WALMART Global Tech   **Bhopal, Madhya Pradesh**
Advanced Software Engineering Virtual Program   *Jun 2023 - Jul 2023*

- Completed an intensive Advanced Software Engineering Virtual Program at Walmart Global Tech, mastering Advanced Data Structures, Software Architecture, Relational Database Design, and Data munging techniques.
- Implemented newly acquired skills in data munging to optimize code efficiency by 30%.

Google   **Agra, Uttar Pradesh**
Digital Marketing   *Apr 2023 - Jun 2023*

- Conducted market research and analysis to identify key consumer behaviors and psychology trends, resulting in the development of a targeted digital marketing strategy that increased customer engagement by 20%.

EDUCATION

VIT Bhopal University   **Bhopal, Madhya Pradesh**
Bachelors in Computer Science and Engineering   *Graduation Date: Oct 2026*

St. Anthony's Jr. College   **Agra, Uttar Pradesh**
Higher Secondary Examination   *Graduation Date: May 2022*

PROJECT EXPERIENCE

Detection of Pneumonia using CNN || Research Paper   **Sep 2023 - Dec 2023**

- Researched and developed innovative algorithms using Convolutional Neural Networks (CNN) for pneumonia detection project, resulting in an accuracy rate of 91% on a dataset of 10,000 chest X-ray images.
- Implemented novel image processing techniques to enhance the performance of the CNN model, reducing false positive rates by 20% and improving overall efficiency by 15%.

Image Editor and Background Removal web app || App Link **||** GitHub Link   **Oct 2024 - Nov 2024**

- Designed and developed a dynamic AI-powered web app using React Native and JavaScript, enabling advanced image editing with filters (Grayscale,Sepia, Blur, etc.), face detection-based background removal, and seamless background replacement.

Secure Banking Website with User/Admin Functions || GitHub Link   **Nov 2024 - Nov 2024**

- Built a secure Vite + React banking platform with Firebase, featuring user authentication, personalized dashboards with a $1000 starting balance, seamless money transfers via account IDs, transaction history tracking, and an admin control panel for managing accounts and overseeing transactions.

LEADERSHIP EXPERIENCE

VIT Bhopal University   **Bhopal, Madhya Pradesh**
Organization and Management   *Feb 2022 - Present*

- Coordinated a team of 20 members to successfully execute university tech fest AdVITya twice, assigning specific roles and responsibilities which led to the completion of all tasks on time.
- As a core member ensured the seamless execution of university tech fest by devising and adopting various engagement strategies which attributed to 20% satisfaction growth.

SKILLS & INTERESTS

Skills: Java, Python, Deep Learning, Digital Marketing, NodeJs, HTML, Java Script, React, MySQL

Interests: Organization and Management, Public Speaking, Content Writing, Customer Service, Dancing, Communication