Swastik Srivastava

Professional Summary

I am a final year student in computer science specializing in full-stack website development, mobile application development, and UI/UX designing. Competent in creating fluid digital experiences with the aid of contemporary technologies and tools like C++, html, CSS, Firebase, and Flutter and many more. Enthusiastic about creating user-centric products that are both aesthetically pleasing and highly functional.

Skills

- Languages: C++ | HTML/CSS | JavaScript | Python | Java | Dart
- Technical skills: OOPS | Git and GitHub | AWS | SQL | DSA | Frontend | HIVE | Flutter
- Frameworks and tools: Flask | React | Firebase | Flutter | Hive | Figma
- Additional skills: UI/UX Design | Sketching | Canva | Adobe Illustrator | Brochure Designing
- Behavioural skills: Communication | Team Collaboration | Adaptability | Leadership | Problem Solving

PROJECTS UNDERTAKEN

EchoHands

- Engineered a sign language interpreter that converts hand gestures into text for real-time ASL translation using OpenCV, Media Pipe, Flask, HTML, CSS, JavaScript and Firebase.
- Designed a custom neural network model specifically for ASL gesture recognition, training it with 1,30,000+ data samples; increased translation efficiency and user satisfaction rates dramatically through seamless communication support.
- Created a user-friendly web interface with enhanced authentication protocols and database management leading to the successful deployment of a secure and efficient application, improving user experience and data integrity.

AutoSwiftSpot

- Developed an innovative web based parking system that enables users to allocate and book parking spaces on an hourly basis
- Designed and implemented an interactive user interface using HTML, CSS, JavaScript, and React ensuring a seamless user experience.
- Built robust scalable backend functionality and API integration using SQL to handle user data, parking space availability, and booking processes.

JusDo

- Developed a feature-rich cross-platform to-do list app using Flutter to help users organize and manage tasks efficiently.
- Enabled users to add, update, delete, and mark tasks as completed, with smooth navigation and interaction.
- Focused on a minimalistic and clean UI/UX to enhance user experience.

ACHIEVEMENTS

- Wrote and published a research paper on "data-driven algorithms for elderly activity recognition using wearable sensors and AI models" at IEEE Conference. Presented findings at a conference, effectively communicating our innovations . View paper here
- **Lead a team** in SIH2024 college Hackathon by creating a responsive application that addressed customer pain points, demonstrating high levels of collaboration among team members.
- **Head of Design for Cyber Security Club** – Led **UI/UX** improvements and **design strategies**.
- **Gold Medalist** in poetry dramatization, story telling, mimicry, recitation, fancy dress, inter school story narration, Elocution, painting competitions at school level. *View here*
- **Silver Medalist** in Drawing and Cycle Race at school level.
- **Bronze Medalist** in Inter School Dance Competiton and Cycle Race at school level.

Certificates

- Earned **AWS Certified Cloud Practitioner certification**, validating thorough understanding of AWS cloud infrastructure. *View here*
- Presented my Research paper on"A Data-Driven Approach for Elderly Activity Recognition: Using Wearable Sensors and AI Models" at 2nd international Conference IEEE 2025. *View here*
- Gained Foundational Understanding of AI by Coursera. *View here*
- Successfully completed AWS cloud Solutions Architect. *View here*

Education

Bachelor of Technology in Computer Science Engineering
Bennett University, Greater Noida
Current CGPA: 7.54

Intermediate(ISC Board)
St. Conrad's Inter College, Agra
2021-22 | Percentage: 80%

High School(ISC Board)
St. Conrad's Inter College, Agra
2019-20 | Percentage: 85%

Parents Info

Father

Mr. Rupesh Srivastava
Principal at RASA International School, Agra

Mother

Mrs. Bhumika Srivastava
Teacher at St.Conrad's Inter College, Agra

Personal Info

Name: Swastik Srivastava

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Languages Known: Hindi, English

Know more

Linked in: https://www.linkedin.com/in/swastik-srivastava-72a739248/

Github: https://github.com/Swastikxxz

Portfolio Website: https://portfolio-swastik-srivastavas-projects.vercel.app/

UI/UX Portfolio: https://www.behance.net/swastiksirvast