

Swastik Srivastava

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UI Design Page: <https://www.behance.net/swastiksirvast>

Education

Bennett University

Bachelor of Technology in Computer Science Engineering.
CGPA:7.50

Skills

- Languages: C++ | HTML/CSS | JavaScript | Python | Java | Kotlin
- Technical skills: OOPS | Git and GitHub | AWS | SQL | DSA | **Frontend** | Agile Methodologies
- Frameworks and tools: Flask | react | Firebase | Adobe Illustrator | Figma
- Additional skills: UI/UX Design | App Development | Sketching | Canva | Photo Editing | Brochure Designing

PROJECTS

EchoHands

July 2024 - Present

- Engineered a sign language interpreter that converts hand gestures into text for real-time ASL translation using OpenCV, MediaPipe, Flask, HTML, CSS, JavaScript, 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

July 2024 – August 2024

- 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.

JustDo

January 2025 - February 2025

- Engineered a feature-rich to-do list application for Android to help users organize and manage tasks effectively.
- 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

- Earned **AWS Certified Cloud Practitioner certification**, validating thorough understanding of AWS cloud infrastructure .
- Ranked 89th out of 400 teams in the SIH Hackathon by creating a responsive application that addressed customer pain points, demonstrating high levels of collaboration among team members.
- Head for Cyber Security Club – Led **UI/UX** improvements and **design strategies**.
- **Research Publication** - "A **Data-Driven** Approach for Elderly Activity Recognition: Using Wearable Sensors and AI Models". Developed data-driven algorithms to improve accuracy and reliability in activity classification, addressing key challenges in eldercare monitoring. showcasing innovation in the intersection of AI and healthcare technology.