

# Suman Saran

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LinkedIn: [linkedin.com/in/suman-saran01](https://linkedin.com/in/suman-saran01) | GitHub: [github.com/sumansaran01](https://github.com/sumansaran01) | Location: Jaipur, Rajasthan, India

## Summary

Highly motivated Developer Proficient in C++, Data Structures and Algorithms, HTML, CSS, JavaScript, Node, and React. Skilled in designing and developing user interfaces for web applications and software. Eager to contribute to dynamic, innovative, and fast-paced development environments with creativity, problem-solving, and technical expertise.

## Experience

### AI-ML Virtual Internship - AWS

January 2024 - March 2024

- Completed AWS AI-ML Virtual Internship, gaining hands-on experience in data preprocessing, model development, evaluation, and deployment using AWS cloud services.
- Delivered insights and solutions to complex data challenges using AWS machine learning tools, improving model accuracy and performance metrics.

## Projects

### UNITY CHAT - A Chatting Website

Technologies: React, MongoDB, Node, Express, and Firebase.

- Designed and implemented a chat application with Firebase authentication and live messaging features, ensuring secure communication. Integrated group chats, real-time notifications, and an intuitive UI for an enhanced user experience.
- Added message translation using APIs to support seamless communication across multiple languages.

### SORTING VISUALIZER - An Interactive Sorting Algorithm Visualizer

Technologies: React, JavaScript, CSS, Tailwind.

- Developed an interactive web application that visually demonstrates various sorting algorithms, helping users understand their work through real-time animations.
- Supports multiple sorting algorithms, including Bubble Sort, Merge Sort, Quick Sort, and Heap Sort.

### NEWS WEBSITE - A Real-Time News Aggregator

Technologies: React, Node, News API, Tailwind.

- Built a real-time news website that fetches and displays the latest news articles from multiple sources using an API, featuring categorized sections and a user-friendly interface.
- Integrated advanced search functionality to allow users to find news articles based on relevant keywords.

### FITNESS TRACKER

Technologies: ReactJS, NodeJS, Tailwind CSS, Express, MongoDB.

- Developed a fitness application using React for the front-end, coupled with Node and Express for the back-end, and MongoDB for storage. enabling users to track fitness goals, access personalized workouts, and manage progress.
- Implemented authentication and dashboard features to track workout history, calories burned, and progress over time.

## Skills

**Technical Skills** C, C++, Python, Java, HTML, CSS, DSA, OOPs, JavaScript, React, Node, SQL, DBMS, Tailwind, Bootstrap, GitHub, Vercel.

**Soft Skills** Time management, Adaptability, Problem-solving, Leadership, Decision-making, Collaboration.

## Education

2021 - present	<b>Bachelor of Technology, Computer Science and Engineering</b> University of Engineering and Management, Jaipur	GPA: 8.0/10.0
2021	<b>Class 12th, Central Board of Secondary Education</b> Jawahar Navodaya Vidyalaya, Bikaner	Percentage: 84
2019	<b>Class 10th, Central Board of Secondary Education</b> Jawahar Navodaya Vidyalaya, Bikaner	Percentage: 85

## Achievements & Certificates

- ★ Achieved a score of 78 in the **The Joy of Computing Using Python** course by NPTEL, IIT Madras.
- ✿ Finished **The Full Stack Web Development** course by Infosys Springboard.
- 🏆 Awarded the UEM Scholarship 2022 for outstanding academic performance in B.Tech Computer Science & Engineering.