

# Sumant Sagar

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## Professional Summary

Full-stack developer who primarily works on the frontend, creating responsive and intuitive interfaces with React and modern CSS. Has hands-on experience with backend development using Node.js, Express, and MongoDB for authentication and API integration.

## Technical Skills

**Languages:** C++, JavaScript

**Front-end:** React.js, Tailwind CSS, Three.js, HTML, CSS

**Backend:** Node.js, Express.js, REST APIs

**Databases:** MySQL, Supabase, MongoDB

**Tools & Deployment:** Git, GitHub, Vercel, Render, Netlify, Postman, Figma, VS Code

## Projects

### Certify — Digital Certificate Storage & Sharing Platform

Dec 2024 – July 2025

MERN Stack, Supabase, OAuth, TailwindCSS

- Built a full-stack certificate management platform enabling users to securely upload, organize, and share digital certificates via clean, public-friendly links and profile pages.
- Implemented dual authentication using Google OAuth and JWT-based email login with backend-enforced authorization to protect user data.
- Designed a secure file-storage pipeline using Supabase private buckets and signed URLs, ensuring certificates are never publicly exposed.
- Developed backend APIs with role-based access and certificate visibility controls (Public, Private, Unlisted).

### InterviewArena — AI-Powered Technical Interview Platform

July 2025 – Present

React, Node.js, MongoDB, Stream SDK, Canvas API, Groq AI (LLaMA 3.3)

- Built a unified interview platform combining real-time video calls, collaborative whiteboard, and AI-powered interview assistance for both live sessions and solo practice.
- Developed an AI Mock Interviewer using Groq that analyzes resumes, conducts structured interviews with voice input, and generates detailed performance reports with hiring recommendations.
- Implemented a real-time collaborative whiteboard using Canvas API with sub-50ms sync via Stream SDK, supporting infinite canvas with pan/zoom for detailed discussions.
- Created an AI Resume Analyzer that compares resumes against job descriptions, returning match scores, skill gaps, and tailored interview questions via structured JSON.

### Dharma Desk — Productivity New Tab Browser Extension

2024

Vanilla JavaScript, HTML, CSS, Browser APIs

- Built a lightweight browser new-tab extension combining daily goal tracking, quick links, and rotating Bhagavad Gita quotes using a public API.
- Implemented goal persistence and automatic daily reset logic using localStorage without external dependencies.
- Designed a customizable multi-theme system with keyboard navigation and an interactive onboarding tour.
- Developed modular JavaScript architecture with separate modules for goals, quotes, themes, and keyboard shortcuts.

## Education

### Vellore Institute of Technology, Bhopal

Expected May 2026

B.Tech CSE (Cyber Security & Digital Forensics) — **8.55 CGPA**

## Certifications

Scrimba Frontend Developer (2025) — React, JavaScript, Responsive Web Design

Solved **300+** LeetCode problems (LeetCode)

## Leadership & Interests

National Cadet Corps (2020–2022) — strengthened discipline, teamwork, and leadership.

Reading fiction and self-help for creativity and personal growth.

Basketball — improved strategy, focus, and team collaboration.