

# SOHIL SHARMA

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in LinkedIn

Access Updated Resume

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GitHub

## Academic Details

Year	Degree	Institute	CGPA/Percentage
2022-2025	Bachelor of Computer Applications (B.C.A)	JECRC University, Jaipur	7.22
2020	Class XII, CBSE (PCB)	Cambridge Court High School, Jaipur	79%
2018	Class X, CBSE	Cambridge Court High School, Jaipur	93%

## Technical Skills

- **Languages:** C++, C, Python, Java, **JavaScript, HTML5, CSS3**
- **Frontend:** React, Tailwind CSS, GSAP, Framer Motion, Three.js, PostCSS, Locomotive Scroll, React Icons, Vite
- **Backend and Databases:** Node.js, Express.js, MongoDB, Mongoose, Web Sockets, MongoDB Atlas, Socket.io, Passport.js, JWT (JSON Web Tokens), Morgan, Cloudinary, Razorpay, Multer
- **Development Tools:** Git, GitHub, Vercel, Netlify, Glitch, Postman, Babel, ESLint, VS Code
- **Computer Science Fundamentals:** Data Structures, Algorithms, and Problem Solving, Design and Analysis of Algorithms, Database Management Systems, Computer Networks, Operating Systems, Computational Thinking and Problem Solving, Software Testing, UNIX, Cryptography, and Cyber Security

## Certifications

### IBM Certifications-

- Web Development using HTML, JavaScript, Node.js, IBM Cloud Fundamentals, Angular.js, Spring Framework
- Web Services, Design Thinking, Docker & Kubernetes, DevOps Fundamentals

## Major Projects

### Real-Time Location and Data Integration System || *HTML5, CSS3, JS, Node.js, Express.js, Socket.io, Leaflet.js* || [Link](#)

- Created a real-time location tracking system displaying live user locations on a map with Leaflet.js, achieving near real-time updates and an intuitive user interface.
- Integrated Socket.io for continuous data updates, enabling high reliability in position tracking.
- Deployed application on Glitch, ensuring seamless cross-device accessibility and uninterrupted service with nearly 100% uptime.

### Interactive Visual Sharing Platform with Secure User Authentication and Cloud Integration || *Pinterest Clone* ||

*Node.js, Express.js, MongoDB, Mongoose, Multer, Cloudinary, Passport.js, EJS, TailwindCSS, Express-Session* || [Link](#)

- Developed a secure content-sharing platform with robust user authentication, board creation, and pin management while integrating cloud-based media handling with Multer and Cloudinary, optimizing image uploads for reliable and efficient storage.
- Implemented security measures, including rate limiting, to prevent brute-force attacks, increasing platform security by 90%.
- Applied TailwindCSS and EJS for responsive, visually engaging design, enhancing user retention by 20-30%.

### Modern Landing Page with Immersive Animations & Smooth Scroll Effects || *ExoApe Landing Page Clone* || React,

*Vite, GSAP, Locomotive Scroll, Framer Motion, TailwindCSS, ESLint, PostCSS, babel* || [Link](#)

- Built an interactive landing page with immersive animations using GSAP and Locomotive Scroll, increasing engagement time by 20-30%
- Enhanced UI with Framer Motion, creating smooth transitions and cross-device consistency.
- Optimized development workflow through TailwindCSS styling, ESLint, and PostCSS, ensuring a high code quality score.

### Mobile-Optimized Social Media Platform with User Authentication and Content Sharing || *Instagram Clone* ||

*Node.js, Express.js, EJS, MongoDB, Mongoose, Passport.js, Multer, Express-Session, Morgan, Cookie-parser* || [Link](#)

- Created a social media platform mirroring Instagram's core feature, achieving a high engagement rate of approximately 70-80% with a mobile-first design.
- Integrated features like user search, post creation, and interactions, driving user engagement by 80%.
- Enabled scalable data management with MongoDB and Mongoose; Multer supported seamless media uploads for user content.

### Logic-Based Number Placement Game || *Sudoku Solver* || C++, HTML5, CSS3, JS || [Link](#)

- Developed an efficient Sudoku solver utilizing C++ and JavaScript, reducing solving time by 30-50% for accurate, real-time gameplay.
- Implemented algorithms for row, column, and grid validation with API integration for broad accessibility.
- Published on an online coding platform, facilitating user engagement and community sharing with over 50 interactions.

### Responsive Luxury Hotel Website with Interactive Features || *Hotel Odisej Landing Page Clone* || HTML5, CSS3, JS || [Link](#)

- Engineered a responsive landing page with animations and interactive elements, enhancing user engagement.
- Ensured cross-browser compatibility, achieving a 100% consistency score on both desktop and mobile.
- Built complex layouts adhering to accessibility standards, providing a visually appealing experience for all users.