

SAHIL SINGH

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SKILLS

Languages: C/C++ (DSA), Java, Python, JavaScript, TypeScript

Technologies & Tools: MongoDB, Express.js, React.js, Node.js, Git/GitHub, Postman, Figma, Flutter, HTML5, CSS3, RESTful APIs, NoSQL, Socket.io, Chart.js, Responsive Design

WORK EXPERIENCE

Navodita Infotech, Pune

Dec 2023 - Feb 2024

Full Stack Developer Intern

- Developed a full-stack social media website (JS:MEDIA) leveraging the MERN stack, increasing user engagement by 34% through implementation of real-time functionalities.
- Collaborated with senior developers to implement secure user authentication and efficient data management systems, reducing security breaches by 20%.
- Optimized website performance using advanced caching strategies and code splitting, reducing loading time by 40% and improving user conversion rate by 22%.
- Utilized Git for version control and participated in daily stand-up meetings using agile methodology.

Triplt India, Delhi

Jun 2023 - Aug 2023

Full Stack Developer Intern

- Spearheaded the development of a feature-rich, responsive MERN stack website for travel information, enhancing overall user engagement by 15%.
- Implemented real-time data retrieval functionalities for up-to-date travel information, increasing user satisfaction by 30%.
- Utilized modern web development techniques like flexbox and media queries to ensure responsive layout across various browsers and devices, enhancing mobile user engagement by 25%.
- Created RESTful APIs using Node.js and Express.js, facilitating efficient client-server communication.

PROJECT EXPERIENCE

Gexus

Mar 2024 - Present

MERN Stack: MongoDB, Express.js, React.js, Node.js

- Developed a feature-rich gaming community platform that connects gamers, streamers, and developers in an interactive ecosystem.
- Implemented real-time chat functionality and live event notifications using Socket.io, enhancing user engagement by 27%.
- Designed and integrated an advanced matchmaking system that pairs players based on skill level, gaming preferences, and playing history.
- Created a responsive dashboard with data visualization using Chart.js to display gaming statistics and community metrics.
- Implemented secure authentication and authorization flows with JWT and OAuth integration for major gaming platforms.

Rescue Point

Sep 2024 - Nov 2024

MERN Stack: MongoDB, Express.js, React.js, Node.js

- Architected and developed a comprehensive web platform connecting hospitals to share critical resources like organs, specialized medicines, and advanced machinery.
- Implemented secure data handling protocols for sensitive medical information in compliance with healthcare data regulations.
- Increased successful organ transplants by 15% by streamlining the donation and allocation process.
- Reduced wait times for specialized medicines by 21% through an efficient resource-sharing network.
- Facilitated collaboration between 23 hospitals for advanced machinery sharing, optimizing resource utilization.

Code Jett: A Collaborative Coding Platform

Sep 2023 - Nov 2023

MERN Stack: MongoDB, Express.js, React.js, Node.js

- Created a revolutionary platform that transforms how developers collaborate on code in real-time, regardless of location.
- Implemented WebSocket technology for real-time code synchronization between multiple users.
- Integrated syntax highlighting and code execution functionalities for multiple programming languages.
- Boosted developer productivity by 19%, resulting in faster development cycles and more code pushed.
- Enhanced team collaboration by 66%, fostering a more connected development environment.
- Supported the successful development of 16 projects through the platform.

EDUCATION

Chandigarh University, Mohali

2021 - 2025 (Expected)

Bachelor of Engineering in Computer Science and Engineering

CERTIFICATIONS

• Letter of Experience (Tripit India)	<u>Tripit India</u>
• Letter of Experience (Navodita Infotech)	<u>Navodita Infotech</u>
• Letter of Recommendation (Full-Stack Dev)	<u>Navodita Infotech</u>
• Introduction To Internet Of Things	<u>NPTEL</u>
• Introduction to Web Development with HTML, CSS, JS	<u>IBM</u>
• Responsive Web Design in Adobe XD	<u>Google</u>
• Modern JavaScript: Iterators and Generators	<u>Coursera</u>
• Round Robin Coding Contest	<u>Chandigarh University</u>
• Sparkathon Converge	<u>Walmart</u>
• BFCET Hackathon	<u>BFCET</u>
