

SAHIL AGARWAL

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EDUCATION

Vellore Institute Of Technology, Vellore
CSE Specialization in Business Systems (4th Year)

2021- 2025
CGPA-8.67

EXPERIENCE

LogIQids_(Certificate) -Mumbai, India

Nov 2023 - Jan 2024

SWE Intern '23

- Transitioned the company's web platform from Webv2 to Next.js, improving website load times by 30% and enhancing scalability for future development.
- Developed, maintained, and enhanced software using Next.js, Node.js, and React.js, resulting in a 20% increase in development efficiency and reduced codebase complexity.
- Optimized website SEO by implementing Server-Side Rendering (SSR), leading to a 25% increase in organic traffic and higher search engine visibility.
- Gained hands-on experience in advanced web development techniques, focusing on efficient page routing, app structuring, and building scalable architecture that supported a 40% increase in user traffic.

PROJECTS

AgroFram (Next.js, React.js, Firebase, CSS)

- Developed a web platform to empower farmers by providing **live Mandi price** updates, enabling informed decision-making and maximizing profit margins.
- Implemented a **crop suggestion** system based on real-time weather data, helping farmers select the best crops for their region and current conditions.
- Created an **online marketplace** where farmers can sell crops directly, reducing dependency on middlemen and improving access to fair pricing.
- Focused on user-friendly design to cater to non-technical users, ensuring ease of use and accessibility across devices.

VansLife-Bus Rental Booking Website (React, JavaScript, Figma, SCSS, Mirage.js)

[Live Link!](#)

- Developed a responsive web application that allows users to **book bus rental** services for various occasions, providing real-time availability and pricing options.
- Designed user-friendly and intuitive **UI/UX prototypes** using Figma, ensuring seamless navigation and an appealing visual design.
- Implemented a secure and efficient booking process, enhancing **user experience** driving customer satisfaction.

FlyFair- Flight Booking Website (Next.js, React.js, Firebase, SCSS, Figma)

[Live Link!](#)

- Developed an interactive flight booking platform offering **real-time flight information, live airport rush updates, and price prediction** to enhance user decision-making
- Implemented Next.js for **increasing SEO** by leveraging Server-Side Rendering
- Designed and prototyped the platform using Figma, focusing on **user-centric interfaces** that ensure smooth interaction and a modern look.
- Leveraged SCSS for scalable and maintainable styling, incorporating advanced CSS features to improve visual consistency and responsiveness.

SKILLS

Programming Skills	Java, Python, CPP, Data Structures and Algorithms, JavaScript, React.js, Next.js, Express.js, HTML5, CSS3, Node.js, Bootstrap, UI/UX Design
Tools	Figma, Netlify, Postman, WIX, Canva, SQL, Firebase and MongoDB
Creativity Skills	Painting, Drawing, Video and Photo Editing and Photography
Soft Skills	Problem-solving, Time management, Communication, Teamwork
Behavioral Skills	Cross-Cultural, Communicate Effectively, Collaborate with teams and individuals
Languages	English, Hindi, Spanish (Basic)

ACHIEVEMENTS

Solved 100+ Data Structure Algorithms problems on Leetcode
Participated in VIT Yantra Hack, our college's premier 48-hour Hackathon Senior core member of IEEE CS
Official Media Crew member for Gravitas'22
In Top 50 team in our college's SIH national hackathon