




Nikhil Sahu

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EDUCATION

Samrat Ashok Technological Institute, Vidisha

B.Tech in Electronics and Communication Engineering

June 2026

Current CGPA: 6.13/10

COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms, Embedded Systems, DBMS, Computer System Organization, Web Developer [HTML, CSS, Java Script, React, Next.js, Node.js, Express, MongoDB, Authentication and Authorization]

SKILLS

Languages: C, Python, Java, JavaScript, HTML/CSS, React

Tools: Git/GitHub, VS Code, IntelliJIDEA

Libraries: pandas, NumPy, Tailwind CSS, Express.js

PROJECTS

TripBozo – Travel Support Web Platform | *React, Next.js, Tailwind CSS, JavaScript*

- Spearheaded the complete frontend development and UI/UX design of a responsive travel-assistance website using React, Next.js, and Tailwind CSS to ensure a seamless user experience across devices.
- Designed and implemented interactive interfaces for app recommendations, dynamic country-specific pages, and essential travel resources, enhancing usability and engagement.
- Curated and integrated sample data for top travel destinations, enabling the system to suggest localized apps and emergency contacts tailored to the visitor's country.
- Collaborated with the backend team to structure dynamic routing and state management for personalized app bundles and QR code generation, showcasing strong frontend architecture and integration skills.

RentX – Full-Stack Rental Platform | *Next.js, Node.js, Express, MongoDB, Cloudinary, Firebase OTP, Razorpay*

- Built a full-featured rental platform that allows users to list, browse, and book any type of product for rent with image uploads and real-time availability.
- Engineered robust Firebase OTP authentication across signup, booking, and product listing workflows, while seamlessly integrating Razorpay for secure transactions and enabling dynamic QR code generation for instant bundle sharing.
- Designed a responsive modern UI with Tailwind CSS featuring category-wise filtering, image sliders, and detailed modals, while enabling multi-image uploads via Cloudinary and deploying on Render/Vercel.

Classic Games Suite – Rock-Paper-Scissors & Tic Tac Toe | *React, Next.js, Node.js, Express.js, MongoDB, Tailwind CSS*

- Built full-stack interactive games with React, MongoDB, and multiplayer support, with Tailwind-based UI.

EXPERIENCE

Cybersecurity & AI Workshop – Cisco (IIT Kharagpur TechFest) | *Participant*

Jan 2025

- Participated in a hands-on 5-hour workshop conducted by Cisco at IIT Kharagpur, focused on core concepts of cybersecurity and AI integration.
- Gained foundational understanding of modern security protocols, threat detection techniques, and ethical hacking strategies.
- Explored AI applications in cybersecurity while actively engaging in a national-level tech fest, demonstrating technical curiosity and initiative.

CERTIFICATION

Cisco @ IIT Kharagpur

January 2025

Certified by Cisco for active participation in a Cybersecurity and AI workshop at IIT Kharagpur, Jan 2025.