

SUBHASMITA SAHOO

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- Portfolio: [portfolio link](#)

PROFESSIONAL SUMMARY

Full-Stack Developer with expertise in **React.js, Next.js, Node.js, and MongoDB (MERN Stack)**. Skilled in building **scalable web applications, responsive UI/UX, and interactive 3D web experiences using modern frameworks**. Experienced in **RESTful API development, AI-powered features, and performance optimization**. Strong focus on **clean code, cross-browser compatibility, and high-performance applications**.

WORK EXPERIENCE

Frontend Developer

(Somniate Tech | Nov 2025 Present)

- Built responsive web applications using **React.js, Next.js, and Tailwind CSS**
- Integrated **REST APIs** and improved performance and user experience. Managed overseas clients' **CMS and e-commerce projects**, contributing to **30%–80% business growth** while ensuring high-quality deliverables. Utilized **WordPress** and e-commerce plugins to streamline development workflows, reducing maintenance time and improving overall system efficiency.
- Ensured **cross-browser compatibility** and mobile responsiveness across devices

Software Development Intern Infosys Springboard Internship

(Jan2025– April 2025)

- Completed industry-oriented projects with a focus on frontend technologies.
- Developed live frontend projects using **HTML, CSS, and JavaScript** Applied **UI/UX principles**, and full-stack basics.
- Strengthened problem-solving and real-world coding skills.

Hackathon Finalist – Full Stack Developer & Product Designer | Guardian Angel Project | All India Women Tech Hackathon 2025 – Top 5 (Rank 4)

- Built a full-stack personal safety app using **Next.js, React, Node.js, and Tailwind CSS**.
- Integrated **real-time GPS tracking, SOS alerts, multilanguage support, and AI-powered crime reporting**.
- Added features like **fake calls, alert logs, and smartwatch integration** to enhance user safety.

PROJECTS

Client Projects (Fullstack Development)

- Developed and deployed **HRMS portals, CRM systems, and company websites** using **React.js, Next.js**.
- Built interactive **3D web experiences** using **Three.js, React Three Fiber, and GSAP**
- Integrated **AI-powered voice assistant (React-based)** to automate user interactions and improve accessibility
- Customized and delivered scalable, responsive solutions for **clients with focus on performance, UI/UX, and SEO optimization**

Guardian Angel – Personal Safety Web App – Live Demo

- Developed **Guardian Angel**, a modern personal safety web application leveraging **Next.js, React.js, Tailwind CSS**, and **ShadCN UI** with **multi-language** support.
- Integrated browser APIs (**Geolocation, Web Speech, Device Motion**) and AI-powered tools (**Genkit + Gemini AI**) for features like one-tap SOS, shake-to-activate alerts, AI crime reporting, content moderation, and fake call simulation. Enhanced user engagement and emergency response functionality by combining real-time tracking, community-driven safety zones, and secure backend features with **CRUD** management for trusted contacts and alert history.
- demonstrating skills in **full-stack development, AI integration, and scalable design systems**.

Animated 3D Gaming Website - Live Demo

Three.js, React Three Fiber, GSAP, Tailwind CSS

- Built an interactive **3D website** using **React Three Fiber, Drei, and GSAP (ScrollTrigger)**
- Implemented smooth animations and camera controls using **Canvas, useGLTF, and OrbitControls**
- Designed immersive UI with optimized performance and responsive layout

TECHNICAL SKILLS

- **Languages & Frameworks:** JavaScript (ES6+), HTML5, CSS3, React.js, Next.js, Node.js, Express.js, Redux, Tailwind CSS
- **Database & Backend:** MongoDB, Firebase, Mongoose, RESTful APIs, JWT, Microservices
- **UI/UX & Design:** Figma, Responsive Design, Wireframing, Accessibility Standards
- **3D & Animation:** Three.js, React Three Fiber, GSAP (ScrollTrigger), Drei, WebGL
- **CMS & Web Platforms:** WordPress, WooCommerce
- **Tools & Platforms:** Git, GitHub, Postman, VS Code, CI/CD (GitHub Actions, Vercel), Agile Methodologies

EDUCATION

- **BTech in Computer Science Engineering** - BhubaneswarInstitute of Technology, BPUT 2023 – Present **CGPA:** 8.64
- **Diploma in Computer Science Engineering** - Nilachal Polytechnic, AICTE, 2020 – 2023 **Percentage:** 68%