SIDHANTA MANOJ SAHU
FULL STACK DEVELOPER

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ABOUT ME

B.Sc. IT graduate with strong hands-on experience in Android and web development. Skilled in full-stack technologies (MERN), REST APIs, databases, and UI/UX design. Passionate about developing innovative, high-performance applications that solve real-world problems.

EDUCATION

- **B.Sc. (Information Technology)** — Vidya Vikas College of Science, Commerce & Arts, University of Mumbai (2022–2025) | **CGPA: 7.90**

- **HSC (12th)** — Vikas College of Science, Commerce & Arts (2020–2022) | **56%**

- **SSC (10th)** — Karthika High School (2019–2020) | **73%**

EXPERIENCE & PROJECTS

Ultimate Social —– **Scalable Real-Time Network Live:** https://ultimate-social-app.vercel.app

- Scalable Architecture: Engineered a containerized MERN application using Docker and Redis for horizontal scaling and synchronized real-time events.

- Performance & Media: Built low-latency messaging/video calls (WebRTC) and optimized chat performance using UI virtualization for zero-lag rendering.

- Security & Fintech: Secured auth with HttpOnly cookies/OTPs and implemented an internal wallet using MongoDB ACID transactions to ensure data integrity.

- **Tech Stack**: MongoDB (Replica Set), Express, React, Node.js, Redis, Docker, WebRTC, Socket.io.

Smart Billing System — https://bill-o178.onrender.com

- Built a full-featured smart billing app with user authentication (Register, Login, OTP Verification), dashboard analytics, and product/customer management. Features invoice generation & sharing, settings, bill history (SQLite), responsive UI, offline support, and secure logout functionality.

- **Tech Stack:** HTML, CSS, JavaScript, Bootstrap, Node.js, Express.js, JSON (as database), JWT Authentication, Render (Hosting)

NewsExplorer – Live News Website — https://newsexplorer-b8cx.onrender.com

- Fetches live news via NewsAPI with keyword search, category filters, and HD images.

- Designed a responsive modern UI for seamless reading experience.

- **Tech Stack:** HTML, CSS, JavaScript, REST API

Blockchain Voting System — https://blockchain-voting-zmvn.onrender.com

- Created a decentralized voting app ensuring transparency and security using blockchain technology.

- Integrated Solidity smart contracts with a Web3.js and Node.js backend.

- **Tech Stack:** HTML, CSS, JS, Solidity, Web3.js, Node.js

TECHNICAL SKILLS

- **Programming:** Python, Java, JavaScript

- **Web Dev:** React.js, Redux Toolkit, Node.js, Express.js, HTML5, CSS3, Tailwind CSS, Socket.io, WebRTC, REST APIs, Web3.js, Solidity, Docker

- **Mobile Dev:** Android Studio, XML, SQLite, Service Worker

- **Databases:** MongoDB, MySQL, SQLite, JDBC

- **Tools & Platforms:** Git, GitHub, Render, VS Code, Cloudinary, Figma (Basic UI/UX), Vercel

CERTIFICATIONS

- Introduction to Artificial Intelligence – Infosys Springboard (2024)

- Cyber Job Simulation – Deloitte (June 2025)

- Technology Job Simulation – Deloitte (June 2025)

LANGUAGES

English	Hindi
Marathi	Odia

HOBBIES & INTERESTS

- Android & Website App Development

- Exploring Emerging Technologies