SANJANA KUMARI

Website Developer (Full Stack)

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ABOUT ME

Full-stack web developer who focused on building secure, scalable, real-world systems
I follow a first-principles approach—simplifying systems, optimizing performance, and automating workflows to deliver reliable, production-ready software.

EDUCATION

Indian Institute of Technology, Patna | *(CPI: 7.98 / 10.0)*
Bachelor of Science (B.Sc.) in Computer Science & Data Analytics
Batch:2026

PROJECTS

Velocity: *Centralized Perpetual Futures Simulator*   *Velocity*

- • A real-time exchange built with WebSocket's for live market updates, featuring a Node.js matching engine.

PrivMat: *Personal Data Vault*   *Privmat*

- Privacy dashboard with synthetic identity generation and AES-encrypted storage for secure credential management.

SKILL & COMPETENCIES

- **Languages**: JavaScript (ES6+), Typescript
- **Frontend**: HTML5, CSS3, React, Redux, Tailwind CSS, shadcn/ui, NextJS
- **Backend**: Node.js, Express.js, Socket.IO, Websocket, RESTful API Development, Clerk
- **Databases**: MongoDB, Mongoose (ODM), Postgres, Prisma.
- **Authentication/Authorization**: JWT (JSON Web Tokens), Argon2 (Password Hashing)
- **Version Control**: Git, GitHub
- **Tools**: VS Code, Postman, Browser Developer Tools
- **DevOps:** Docker, nginx, CI/CD Pipelines, AWS(EC2)

ACHIEVEMENTS

Codictive 3.0 Hackathon – 2025   *Certificate*

- Developed an AI-powered trip planner with personalized, downloadable itineraries, a chatbot for seamless interaction, real-time booking, and an interactive map, using React, Tailwind CSS, Node.js, Express, and MongoDB for a responsive UI/UX and secure, API-driven functionality.

VOLUNTEERING EXPERIENCE

IIT Patna E-Summit | Creative & Development Team Volunteer | Feb 2024 – Mar 2024