

# Santu Patra

(+91) 8768823699 | [santup205@gmail.com](mailto:santup205@gmail.com) | [LinkedIn](#) | [GitHub](#)

## SUMMARY

---

### Web Developer – AI Enthusiast

Second-year university student with a strong foundation in Full Stack web development and a keen interest in Generative AI. Proficient in building and deploying scalable web applications while continuously exploring and integrating AI-driven solutions. Skilled in time management, coordinating workflows, and fostering a collaborative work environment to enhance productivity

## SKILLS

---

- **Programming Languages:** Python, Java, JavaScript, C, SQL, HTML, CSS
- **Concepts:** DSA, Computer Networking, Operating Systems, Linux, Shell Scripting
- **Tools:** Git, Linux, PostMan
- **Web Frameworks:** React.js, Node.js, Django, Mongoose, Express, Next.js, Socket.io
- **AI:** Langchain, RAG using GenAI, Gemini-vision
- **Non-Technical Skills:** Leadership, Time Management, Presentations, Effective Communication, Problem Solving, Adaptability, Critical Thinking, Public Speaking, Quizzing, Video Editing and Collaboration
- **Languages known:** English, Hindi, Bengali

## PROJECTS

---

### Snip-Code-RAG-based Code generation App using Gemini-><https://snip-code-santu8597s-projects.vercel.app/>

- Technologies: Nextjs, tailwind, Gemini
- Description: A robust chat application integrated with the Gemini model for intelligent responses and data retrieval.

### Elixir-decentralized blood bank that leverages blockchain for transparency, security, and trust

- Technologies: Solidity, Next.js, Vercel Ai-sdk
- Description: A **decentralized blood bank** using **Next.js, Web3, and blockchain** for secure donor registration, transparent tracking, ai based chat feature. Features include **smart contracts, NFT-based donor IDs, and IPFS storage** for privacy and trust.

### Altnode-Decentralized Ecosystem for AI Pipelines and Datasets

- Technologies: *Next.js, Solidity, Python*
- Description: Developed a decentralized app that integrates AI plugins with blockchain, using **Next.js** for the frontend, **Solidity** for smart contracts, and **Python** for AI model execution, enabling secure and scalable interactions with AI in a decentralized environment

## ACHIVEMENTS

---

- Secured a prize in Web-3 track in Binary Hackathon