SANTU PATRA

FULL STACK & AI DEVELOPER

CONTACTS

- (+91) 8768823699
- santup205@gmail.com
- LinkedIn
- Github
- Portfolio

KEY ACHIEVEMENTS

- **Binary Hackathon Achievement**

  Secured the Web-3 prize in Binary Hackathon

SKILLS

WEB TECHNOLOGIES

NodeJS · NextJS · ReactJS · ExpressJS · MongoDB · HTML · CSS

AI / ML

Langchain · Langgraph · Ai-sdk · gemini-vision · ai-agents · RAG using GenAI · Mastra ai

PROGRAMMING LANGUAGES

Javascript · Python · C · Java · Typescript · SQL

TOOLS

Github · Git · Rest APIs · Linux

ADDITIONAL SKILLS

SOFT SKILLS

Accountability · Effective Communication · Collaboration

SUMMARY

I'm a second-year university student specializing in Full Stack and AI development, keenly interested in Generative AI. I excel in building and deploying scalable web applications and am driven to explore and integrate AI solutions into my projects. With strong time management skills and a collaborative mindset, I aim to enhance productivity and foster an effective work environment

EDUCATION

Heritage Institute of Technology — 08/2023 - 05/2027
B.Tech in Computer Science & Engineering — CGPA:9.3/10

PROJECTS

Phoenix

Phoenix – AI Agent Building and Testing Framework with onChain Deployment of AI agents

- Developed a modular AI agent framework enabling developers to build, test, and run intelligent agents with real-world tool access
- Supported dynamic tool execution, selective activation, and prompt testing in a modern browser UI
- Agents can be deployed as a NFT for buying and selling AI agents
- *agentix2.vercel.app*

Wizard's Gambit

Wizard's Gambit – AI & Blockchain-Based Spell-Casting Game

- A Harry Potter-themed multiplayer game where players cast spells on each other in real-time
- Leveraged Next.js for the frontend, Solidity for spell logic and player state on-chain, and Gemini for generating dynamic spell outcomes
- *github.com/mansi0xc/Wizard-s-Gambit*

StayFinder

StayFinder – Hotel Booking Platform with Smart Filtering & Real-Time Updates

- Developed a full-stack hotel booking web app enabling users to search, filter, and book accommodations in real-time
- Integrated MongoDB for robust data management, WebSockets for live booking updates, and advanced filtering
- Built responsive UI with Tailwind and ensured smooth user experience with secure authentication
- *staydinder-iota.vercel.app*