

Jasmeet Singh

Email: jas7314@gmail.com | Mobile: +91 9810879358

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

Guru Tegh Bahadur Institute Of Technology

Bachelor of Technology in Computer Science, GPA: 9.18/10.0

2020-2024

New Delhi

Rosary Sr. Sec. School

Class XII, CBSE, Percentage: 95%

2020

New Delhi

TECHNICAL SKILLS

Frontend : React.js, Next.js, TypeScript, JavaScript (ES6+), Tailwind CSS, Redux
Blockchain : Solidity, Ethereum, Ethers.js, Hardhat, Diamante Blockchain
Backend : Node.js, Express.js, Python, MongoDB, RESTful APIs, Firebase
Tools : Git, GitHub, VS Code, Docker, Webpack, Vite

EXPERIENCE

Owl - Blockchain Game Marketplace

Lead Engineer & Grant Recipient

2024–Present

Remote | Code

- Spearheaded development of Electron-based NFT marketplace (React + Diamante Blockchain) with on-chain license verification
- Optimized gas fees by 25% through batch processing and efficient contract design patterns
- Integrated IGDB API (50,000+ game database) and secure wallet authentication using Diamante wallet

Freelance

Full-Stack Developer

2023-2024

Remote

- Delivered 5+ production-grade React applications for clients in e-commerce and SaaS industries
- Enhanced application performance by 40% through code-splitting, lazy loading, and image optimization techniques

TECHNICAL PROJECTS

Tutor AI | ReactJS, React-Router-v6, NodeJS, Python, Pydantic, OpenAI, Instructor

[View Project Here](#)

- Built full-stack platform with React/TypeScript frontend and Node.js/Python backend serving AI-generated lessons using Deepseek v3 OpenRouter integration
- Implemented JWT auth, rate limiting, and 3 Sonic blockchain smart contracts (TAI token, NFT, Tutor) for gamified rewards system
- Optimized AI pipeline with Pydantic validation and ZerePy framework, reducing response times by 40%

ADManager | React, Node, TypeScript, Tailwind CSS, Mongo DB

[View Project Here](#)

- Built a geo-aware ad scheduler using geoAPI to personalize home page ads by location/time
- Implemented JWT-protected routes (React Router) for secure ad upload/edit/delete operations
- Streamlined ad delivery with MongoDB-backed Express.js API and React/Vite frontend

GameMatch | Jupyter Notebook, Python

[View Project Here](#)

- Developed content-based filtering system analyzing 5000+ game features using cosine similarity
- Optimized text processing pipeline with TF-IDF vectorization and stemming algorithms
- Visualized high-dimensional data relationships using t-SNE and matplotlib

ACHIEVEMENTS

- 1st Place, TezAsia Hackathon 2023** (Selected from 300+ teams for innovative blockchain solution)
- Diamante Blockchain Grant Recipient** (Awarded for development of NFT licensing protocol)
- Google Developer Student Clubs - Led web development workshops for 100+ students