

# Jasmeet Singh

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

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## 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

Technical Co-Founder & Grant Recipient

2024-Present

Remote

- Spearheaded development of Electron-based desktop application with React frontend and smart contracts for NFT game license management
- Optimized gas fees by 25% through batch processing and efficient contract design patterns
- Implemented secure wallet authentication using Diamante wallet integration

### Freelance Web Developer

React & Next.js

2023-Present

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

### Owl | Electron , React , Node , Blockchain , TypeScript, Tailwind CSS , Mongo DB , IGDB API

[View Project Here](#)

- Built NFT-based game license system on Diamante Blockchain, enabling verifiable ownership and peer-to-peer trading
- Developed anti-piracy solution using cryptographic signatures and on-chain verification
- Created Electron desktop app with React/TypeScript frontend and Node.js backend, integrating IGDB API for 50,000+ game database

### 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%

### 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