

# Jasmeet Singh

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## EDUCATION

**Guru Tegh Bahadur Institute Of Technology**  
*Bachelor of Technology in Computer Science, GPA:9.183*

New Delhi, India

**Rosary Sr. Sec. School,Kingsway Camp**  
*Class XII, CBSE, Percentage: 95*

New Delhi, India

## TECHNICAL SKILLS

**Languages** : JavaScript , TypeScript , JAVA , Python , Solidity , SQL , Bash  
**Frameworks** : React JS , Next JS , Node JS , Mongo DB , Tailwind CSS , Ethers, Wagmi, Viem, ThreeJS  
**Tools** : MySQL , GitHub , OAuth , Vite , Unreal Engine(UE-4) , Blender  
**Dev Tools** : Visual Studio Code, Git

## EXPERIENCE

**Freelance** 2023-present  
*Full - Stack Developer Remote*

- **Freelance Developer** Delivered **8+ production-ready projects** for small businesses and startups, specializing in scalable, user-centric solutions.
- **Web3 Development** Built **decentralized applications (dApps)** and experimented with **smart contracts** on platforms like Base and Tezos. Optimized gas fees by **20%** and delivered seamless user experiences across **3+ dApps**.
- **Agentic Systems** Explored **intelligent, autonomous systems** capable of learning, adapting, and executing tasks seamlessly. Improved task automation efficiency by **40%**

## PROJECTS

**Owl | React JS , NodeJS , Blockchain , TypeScript, Tailwind CSS , Mongo DB , IGDB API** [View Project Here](#)

- Engineered **Owl**, a groundbreaking platform transforming game commerce, poised to reshape the industry.
- Implemented a system where each game purchase generates a unique **NFT** and **license key**, fortifying ownership on the **blockchain**.
- Devised a robust **proof-of-transaction** mechanism, ensuring transparency and irrefutable proof of ownership.
- Introduced a dynamic feature empowering users to **resell** purchased games with **reusable** licenses.

**Tutor AI | ReactJS, React-Router-v6, NodeJS, Python, Pydantic, OpenAI, Instructor** [View Project Here](#)

- AI-Powered Learning: Built an adaptive system that generates personalized lessons, quizzes, and gamified experiences tailored to each user.
- Innovative Backend Solutions: Integrated OpenRouter and Deepseek as a creative workaround for API limitations, combining Python, Pydantic, and NodeJS for a robust backend.

**GameMatch | Jupyter Notebook,Python** [View Project Here](#)

- Data Ingestion: Ingest .csv game data with pandas, extract features using CountVectorizer for text vectorization.
- Similarity Calculations: Compute similarities between 5000-dimensional game vectors using Cosine Similarity for complex classifications.
- Text Preprocessing: Stem lexical items using Porter Stemming algorithm, meticulously handling numerical data.

## ACHIEVEMENTS

- Secured **1st place** among 12,000 participants at TezAsia 2k23 hackathon.
- Secured **2nd place** at Diamante Net Hackathon by organised Diamante Blockchain.
- Good in **Japanese** and have a N5 level qualification.

## VOLUNTEER EXPERIENCE

- **GDSC GTBIT** : Core Member of Web Development Team and contributed in 15+ projects with the team.