Jasmeet Singh

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LinkedIn | GitHub | Portfolio

Education

Guru Tegh Bahadur Institute Of Technology — New Delhi, India
Bachelor of Technology in Computer Science, GPA:9.183 — *2020 – 2024*

Rosary Sr. Sec. School,Kingsway Camp — New Delhi, India
Class XII, CBSE, Percentage: 95 — *2020*

Technical Skills

Languages : JavaScript , TypeScript , JAVA , Python , Solidity , SQL , Bash
Frameworks : React JS , Next JS , Node JS , Mongo DB , Tailwind CSS , ThreeJS
Tools : MySQL , GitHub , 0Auth , Vite , Unreal Engine(UE-4) , Blender
Dev Tools : Visual Studio Code, Git

Experience

Freelance
Full - Stack Developer — *Remote*

- **Frontend** Engineered dynamic and responsive user interfaces utilizing ReactJS and TailwindCSS.
- **Backend** Led backend automation, executing Python scripts in NodeJS for streamlined data extraction via APOLLO from user-generated URLs.
- Transformed data into CSV files optimized for user downloads and collaborated closely with clients to ensure tailored solutions.

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.

Game Recommendation System | 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.