

Jai Prashanth

Website Link

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EDUCATION

GLOBAL COLLEGE

BE IN COMPUTER SCIENCE

Jan 2020 - June 2024

Vellore, Tamil Nadu

SPARK MATRIC HR.SEC

Vellore, Tamil Nadu

LINKS

Github: [Jaiprashanth003](#)

LinkedIn: [Jai Prashanth](#)

Leetcode: [jaikarthi](#)

Hackerrank: [jaikarthi00007](#)

COURSEWORK

UNDERGRADUATE

- Web Development
- Mobile App Development
- Blockchain Development
- Object-Oriented Programming
- Data Structures and Algorithms
- Prompt Engineering

SKILLS

LANGUAGES

Advanced:

Python | JavaScript

Intermediate:

C++ | HTML | CSS

| SQL | Solidity

TOOLS AND TECHNOLOGIES

Git | MongoDB | React.js | Next.js

| React Native | Bootstrap

INTERESTS

TECHNICAL

- Competitive Programming
- AI and Machine Learning
- Game Development

NON-TECHNICAL

- Traveling
- Video Games

PROJECTS

LOTTERY PROJECT [\[Link\]](#)

- Decentralized lottery system with 100 tickets using blockchain, Solidity, Next.js, TypeScript, and ThirdWeb.
- Implemented smart contracts using Solidity for **secure and transparent ticket sales and lottery drawings**.
- Developed the frontend using Next.js and TypeScript for a user-friendly interface.
- Architected a user-centric frontend using Next.js and TypeScript, leading to a **30 % improvement**.
- Engineered an interactive user interface in Next.js and TypeScript, resulting in a **40 % enhancement**.
- Enhanced transparency and security through blockchain.
- Provided real-time updates on ticket availability.
- Improved user experience for secure and engaging participation.
- Tech stack:: **Next.js, Solidity, TypeScript, ThirdWeb, Tailwind CSS, HTML.**

ANIME CARD PROJECT [\[Link\]](#)

- Interactive Anime Card web application.
- Developed using **Next.js and Node.js**.
- Utilized external APIs for real-time anime data and implemented responsive design.
- Deployed the application on Vercel for easy access and quick loading times.
- Enhanced user engagement and accessibility.
- Positive feedback for the **user-friendly interface**.
- Showcased the capabilities of modern web development techniques, fostering interest and innovation within the developer community.
- Tech stack: **Next.js, TypeScript, Framer Motion, Tailwind CSS, HTML.**

SUPPLY CHAIN MANAGEMENT SYSTEM WEBSITE [\[Link\]](#)

- Development of Optimized Supply Chain Solutions focusing on streamlining operations and improving efficiency.
- Implemented by a three-member team utilizing IBM Db2 for the database and **Flask framework** for the backend.
- Utilized Flask for a robust backend.
- Integrated **IBM Db2** for efficient and reliable database management.
- Attempted implementation of a cart feature to enhance the user experience, but faced challenges in the process.
- Designed a highly desirable front and back end for the supply chain solution.
- Successfully improved supply chain operations.
- Faced challenges in implementing the cart feature, highlighting areas for potential improvement in future iterations.
- **Tech stack: Flask, IBM Db2, HTML, CSS.**