

# Prince Kumar

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## WORK EXPERIENCE

### Timechain lab | Full Stack Intern

April 2024 - present

- Led the development of a **coalition Loyalty Point Issuance Page for Brand**, using **Svelte** for building a responsive frontend and **NestJS** for creating a robust backend. Integrated secure loyalty point issuance systems for brands, streamlining customer reward programs and ensuring seamless transactions during transactions it reduce gas cost by 20%.
- Worked on **Wallet Integration** with full **CRUD operations** using **NestJS** for backend services and API development. Generated a user-friendly interface for managing wallets and handling transactions which is more 20% effective transactions than other wallet, ensuring data security and scalability.
- Ensured the integration of best practices in increased 10% performance, security, and user experience across all projects then other projects.

### Social(Formerly Script Foundation) | Freelancer

June 2023 - November2023

- Completed a dynamic website to solve data structures and algorithms (DSA) problems using HTML, CSS, and JS.which contains about 450+ questions.
- Created interactive user interfaces for problem input, solution generation, and result display. Ensured cross-browser compatibility and functionality across multiple devices. Collaborated on integrating various algorithm visualizations to enhance user understanding. Boost the site for user experience and performance with responsive design and efficient JavaScript algorithms.

## PROJECTS

### ShareFun SocailMediaApp |[Github , Live]

Tech: React,Express,NodeJs, Charkau, recoil, MongoDB

- Scaled social media application by incorporating realtime notifications and chat features, resulting in a measurable increase of 1,000+ daily interactions; ensured a responsive design to facilitate smooth cross-device usage.
- upgraded user engagement by developing interactive features such as real-time notifications ,real-time chat, likes, and comments, resulting in a 30% increase in user interaction. Streamlined performance with optimized backend architecture, scale down page refresh times by 25% and enhancing app scalability.

### MarkdownNote App |[Github , Live]

Tech: Nextjs,Convex,clerkauth,Zustand,shadcn-ui

- Developed a feature-rich Markdown note-taking web application with real-time collaboration, secure authentication, and a modern user interface. Implemented real-time data synchronization using **Convex** for seamless collaboration between users. Built secure user authentication and account management with **Clerk**.
- Enhanced user collaboration with real-time note synchronization, increasing productivity and user engagement by 40%. Improved user retention by implementing seamless authentication and secure account management, reducing login friction by 25%. Boosted app performance with server-side rendering and decrease state management, reducing page load times by 30%.

### Musicacademy |[Github , Live]

Tech: Nextjs,AeternityUI,Contextapi

- Established a modern web-based music education platform that enables users to access, create, and manage music courses. Utilized Next.js for server-side rendering and seamless user experience, while integrating Aceternityui to design a clean, intuitive interface.
- Improved user engagement by 35% through a responsive and intuitive interface made with Aceternityui, enhancing the overall user experience .Increased course enrollment by 40% by optimizing performance with **Next.js** for faster page loads and seamless navigation. Enabled real-time progress tracking and interactive learning, increasing course completion rates by 25%.

### Coalition Loyalty Point Issuance Page for Brands |[Github , Live] Tech: svelte,Nestjs,postgress,Necuronsdk

- Design a Web3-enabled platform for brands to manage and issue coalition loyalty points securely and efficiently. The application leverages **Svelte** for a reactive frontend, **Tailwind CSS** for responsive design, **NestJS** for scalable backend services, **PostgreSQL** for robust data management, and **Necuron Wallet** for blockchain-based transaction handling.
- Streamlined loyalty point issuance and management processes, reducing administrative overhead by 40%. Implemented **Necuron Wallet** for blockchain-based transactions, improving transaction transparency and reducing fraud risk by 30%. Developed a scalable backend with **NestJS** and **PostgreSQL**, supporting robust data handling and a 50% increase in transaction volume without performance degradation.

## SKILLS

### Programming Languages

JavaScript, TypeScript, SQL, Python, HTML, CSS, C++,Java, Go.

### Tools & APIs

Postman, Gitbash ,OSM API, Docker,GraphQL,Kafka

### Databases

MySQL, PostgreSQL, MongoDB, Redis

### Libraries/Frameworks

NextJS, ReactJS, Svelte, ExpressJS, NodeJS, NestJs, Zustand

### Proficiency

Full Stack, Backend, Frontend, Web3, Machine Learning.

## ACHIEVEMENT

DSA, Solve about 500+ question in all coding platform and win so, many goodies and certificates.

## LEADERSHIP AND COMMUNITY

Mentor, Mentoring junior in web development during Btech

2021 - 2024

## EDUCATION

B.Tech, Sri Venkateswara College of Engineering and Technolgy, Chittoor

September 2020 - May 2024

Computer Science and Engineering (8 CGPA)