+91-88388-64364
karthickprnv@gmail.com
Coimbatore, TN, India

KARTHICKPRANAV S N

www.jassuwu.com
in /in/kprnv
 /jassuwu

EXPERIENCE

Web3, Contributor   *P2PX Finance*   **Jan 2024 - Apr 2024**

V3 Dev

- Designed the development stack for transitioning from mobile apps to a **Progressive Web App (PWA)**.
- Developed the **React PWA** from scratch and integrated **V3 smart contracts**.
- Gained familiarity with blockchain tools such as **ethers.js**, **web3.js**, **Web3Auth**, **viem**, and **Hardhat**.

Software Developer, Intern   *Cypher Wallet*   **May 2023 - Dec 2023**

Frontend

- Responsible for new features and improving maintainability of mobile apps using **React Native**.
- Enhanced Cypher dApp with new features using **React**.
- Contributed to an internal project using **Next.js App Router**.
- Developed email templates with **React Email** and **AWS SES** to streamline communications.

PROJECTS

PSGOOGLE ↗   *Fast search engine for PSGCT's psgtech.edu*

- Built the backend with **Go** for web scraping, indexing, and serving search requests, incorporating **Colly**, **Okapi BM25**, **PageRank,** and **net/http**.
- Built the frontend with **Next.js App Router.**
- Utilized **Redis** for caching and instantaneous search results.

Kaching ↗   *Payment gateway for cryptocurrency*   **WIP**

- Created an **MVP** using **Next.js App Router** for frontend and APIs.
- Integrated **WalletConnect** for blockchain interactions, focusing on the **Polygon Mumbai Testnet**.
- Utilized **vercelpg** as the database with **PrismaORM**.

Keysmith ↗   *Password management browser extension*

- Migrated the React, Vite project to **TypeScript**, set up theming, and implemented static analysis.
- Successfully completed **Hacktoberfest 10**.
- Open-source project in early development stages.

SKILLS

- **Languages:** Go, TypeScript, Python, Lua, Java
- **Frameworks/Libraries:** React, React Native, NextJS, NestJS
- **Databases:** PostgreSQL, Redis, MongoDB
- **Tools:** Git, GitHub, Docker, DigitalOcean, Nginx, AWS

AREAS OF INTEREST

- Web/App Development
- Web3 Engineering
- Low Level Programming
- Dev Tooling and Automation

EDUCATION

M. Sc. Software Systems   *PSG College Of Technology, Coimbatore*   **Aug 2020 - Present**

- CGPA: 8.83/10.0