Ankit Karn

Founding Engineer

 +91-9518287083 | ankit.karn.ak@gmail.com | ankitkarn.vercel.app | / ankitkarnak

SUMMARY

As a Software Engineer with around **3 years of experience**, I took the lead on frontend development and also contributed to backend tasks when needed of e-commerce features at an early-stage startup in zero-to-one journey. Proficient in **React, Next.js, TypeScript, JavaScript, and GraphQL**, I've driven product innovation by implementing **A/B feature** testing and integrating **Config driven UI** customization, optimizing our platform based on user behaviour to drive continual improvement.

WORK EXPERIENCE

Founding Engineer, DSLR TECHNOLOGIES   June 2023 - Present

- Tech Stack: React, TypeScript, Mobx, GraphQL, MUI, Tailwind, Django, Python, React Native
- Implemented core e-commerce features (Collection, Products, Reviews, Checkout, Orders, Return Refunds) from scratch along with A/B Feature Testing and Config-Based UI.
- Migrated our frontend project from using our proprietary backend's REST APIs to the Shopify Storefront **GraphQL** APIs for most of the core e-commerce functionality.
- Implemented **Virtualization using Intersection Observer** on product cards of the collection page which used to get slow after a lot of scrolling due to an increase in DOM nodes. The result significantly **reduced DOM Nodes from 30k to 4k** and remains nearly constant.
- Improved **Web Performance** of product page by reducing rendering time with the implementation of technique on the carousel to prefetch image next to active slide and lazy load all other images. Also, defer the load of all non-priority contents.
- Created Django REST Api for UPI Validation by integrating with 3rd party provider, api is consumed on the frontend when accepting payment method for refund and resulted in fewer refund failures.

SDE II Frontend, BUKUWARUNG   Dec 2021 - May 2023

- Tech Stack: Next.JS, JavaScript, TypeScript, React, JEST, React Testing Library, SCSS
- Implemented KYC and KYB registration flow on our consumer app along with an internal dashboard for handling the verification of those registered requests.
- Created Checkout feature, able to be used across different apps within our products.
- Migrated codebase from **JavaScript to TypeScript**, improving code maintainability and readability.

SKILLS

Languages and Frameworks:	ReactJS, TypeScript, JavaScript, NextJS, GraphQL
Other Tools and Technologies:	Tailwind, MUI, SCSS, React Query, Mobx

PROJECTS

RacketMart E-COMMERCE APP   Github   https://racketmart.netlify.app

Tech Stack: MERN (React, JavaScript, ExpressJS, Node.JS, MongoDB)
- Login/Signup using JWT • Add to Cart / Remove from Cart • Increase / Decrease Item Quantity • Add / Remove to Wishlist • Filter, Search And Sorting of Products • CRUD APIs