

Harshit Paliwal

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Profile Summary

Software Engineer with 3+ years of experience specializing in frontend development using React, Next.js, and TypeScript. Proven track record of architecting scalable web applications, building cross-platform features, and owning deployments from development to production. Skilled in performance optimization, CI/CD, and delivering full-stack solutions in high-growth startups

PROFESSIONAL EXPERIENCE

Software Engineer - Frontend

[Carret](#) — [Bengaluru, India](#) 12/2023 – Present

- **Architected** and built **"Fluid"**, a flexible, production-ready embeddable SDK using React.js, **TypeScript**, Tailwind, and **Webpack** — enabling seamless fiat-to-crypto swaps and wallet integrations across partner platforms.
- **Delivered the full SIP flow for crypto**, owning both frontend (**React Native**) and backend (**Python/Django**) — allowing users to set automated recurring investments.
- **App Optimization**: Reduced mobile app size by **38MB** through lazy loading and bundle refinement.
- **Private Client & OTC Desk**: Shipped premium 17% APY feature and launched India's first crypto OTC Desk using **Next.js**.
- OTC Desk: Launched **India's first OTC Desk**, enabling high-volume INR-Crypto/Crypto-INR trades using **Next.js**.
- **CI/CD Ownership**: Set up staging-to-production pipelines and managed deployments with GitHub Actions / **AWS**.

Frontend Engineer – Founding Team

[Newversity](#) — [Remote](#) Apr 2023 – Nov 2023

- Led the ground-up development of Newversity's web platform using **Next.js**, focusing on SEO, performance, and scalability.
- Implemented **SSR and Static Props** for improved initial load time and better search engine visibility.
- Integrated **Firebase Auth** and PhonePe payment gateway for a seamless and secure user onboarding/payment experience.
- Added 100ms-based **video calling** to enable real-time student-mentor sessions within the platform.

Frontend Engineer – Fullstack

[BitClass](#) — [Bengaluru, India](#) Jul 2022 – Feb 2023

- Built and shipped core features using **Next.js**, **Redux**, **TypeScript**, and **SCSS** across the learning platform.
- Designed a **Premium Course System**, enabling smooth Explore–Purchase–Consume journeys.
- Developed and launched **QuickBits**, a bite-sized learning module that improved user **retention by 16%**.
- Created a personalized Learning Calendar using **Python** and **Django**, recommending daily live classes to users.

PERSONAL PROJECTS

Light Ui - [Component Library](#)

- Built a reusable UI component library using **HTML** and **pure CSS**, used across multiple personal projects.

Shoe Zone - [Ecom-webapp](#)

- Developed a fully responsive e-commerce app using **React.js**, **Light UI**, and **Mockbee**, with **Jest** for **unit testing**.

ContactApp Backend - [Node/Express](#)

- Built a RESTful API for contact management using **Node.js** and **Express**, supporting full CRUD operations.

EDUCATION

B.Tech, Computer Science *Geetanjali Institute of Technical Studies, Udaipur* 2018 – 2022

SKILLS

- **Languages**: JavaScript, TypeScript, Python, HTML, CSS, SCSS
- **Frontend**: React, Next.js, Redux, Tailwind CSS, Bootstrap, Material UI
- **Backend**: Node.js, Express, Django, Flask, Supabase
- **Tools & Platforms**: Git, GitHub, Webpack, Firebase, CI/CD (GitHub Actions)
- **Testing**: Jest