

Shipul Gupta

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, C, C++

Frontend: HTML / CSS, React.js, Next.js, Redux toolkit, React Native, Tailwind CSS, Styled Components

Backend: Node.js, Express.js, RESTful APIs, GraphQL, MongoDB, Firebase, Redis

Proficient with: Git, Github Actions, Playwright, GCP, AWS, Postman, Heroku, Sentry, Figma, Jira, Cursor

Others: Data Structures and Algorithms (DSA), Microservices, CI/CD, Low-Level Design, High-Level Design

PROFESSIONAL EXPERIENCE

KindTech - Software Engineer

Feb 2024 – Present

- Engineered **high-performance data crunching system** capable of processing 500+ orders, improving print time from **10min to 2min, upto 50MB** using latest bulk GraphQL API methods
- Reduced bundles API **response times by 90%** by implementing advanced GraphQL aliases and fragments, significantly **lowering server memory overhead** and improving frontend snappiness
- Architected a **highly consistent, low latency, unique identification** method for asset management, handling millions of inventory per month by leveraging **MongoDB compound indexing**
- Spearheaded de-duplication of order handling, **mitigating 30% shipment error** by improving transparency for better user decision
- Reduced the main-thread load** on client-side by enhancing data-formatting for pick lists **from $O(n^3)$ to $O(n)$, resulting upto 90%** reduction in generation time
- Proactively re-architected the barcode label options logic, using **Config-Driven UI design pattern**, reducing the developer **lead time for new options by 92%** (from 25min to 2min) and enabling rapid feature iteration
- Improved Core Web Vitals (**LCP, INP, and CLS**) by **25%** by implementing dynamic loading, debounced search, Skeleton UIs and asset optimization, significantly **improving page load time and user engagement**
- Maintain **99.9% uptime** enduring the rigorous BFCM through **testing, CI/CD pipeline, and React Error Boundary**
- Contributed to features that garnered **150+ 5-star reviews**, ranking the app among the Top 3 on Shopify, by combining **precise implementation**, thorough **edge-case coverage**, and consistent **on-time feature delivery**

KindTech - Software Engineer Intern

July 2023 – Jan 2024

- Engineered a core **React Native** page using **Redux** for scalable state management
- Streamlined data flow by integrating **backend APIs** and **Amazon S3** for robust image storage
- Fortified app stability by **resolving critical bugs** while modernizing codebase to **functional components**

PROJECTS

RealtorFire | *React.js, Node.js, Express.js, Firebase, Cloudinary*

[Source Code](#)

- Built a real estate listing platform allows users to browse, filter, and view properties with real time locations
- Integrated Firebase for **authentication**, and used Cloudinary for improving media delivery performance
- Focused on clean UI/UX design, mobile responsiveness, and **accessibility** to enhance experience

EDUCATION

JSS ACADEMY OF TECHNICAL EDUCATION

2024

B.Tech in Electronics and Communication Engineering (8.6 GPA)

Noida, India

INTERESTS

- Reading, Listening music, Cracking DSA problems