Rahul Choudhury

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Skills

Languages: Javascript, Typescript, Go
Libraries/Frameworks: React, Next.js, shadcn/ui, Radix UI, Tailwind CSS, Styled Components, Motion (Framer Motion), Tanstack/React Query, Zustand, Redux, Zod, React Hook Form, Socket.io, Jest, React Testing Library, Cypress
Tools: PostgreSQL**,** Redis, Docker, Github Actions

Experience

Front End Developer, GrowthPanda – Remote   July 2023 – Present
- **Developed and deployed real-time dashboards** using Next.js and shadcn/ui, integrating REST APIs and auto-refreshing UI components.
- Implemented **BLE device** communication using GATT characteristics, decoded binary payloads into structured JSON, and streamed live sensor data over **sockets** to backend services.
- **Engineered dynamic, high-conversion landing pages** with Next.js and Framer Motion for multiple marketing campaigns, leveraging Server-Side Rendering (SSR) to achieve **sub-1s load times on 90% of deployments**, improving SEO and user engagement.
- Integrated **headless CMS (Strapi, Payload)** with Next.js landing pages, utilizing **Incremental Static Regeneration (ISR)** enabling non-technical users to update content in real time without developer assistance **reducing iteration cycles by ~70%**.
- Orchestrated and implemented **CI/CD pipelines** using **Docker**, **Docker Compose**, **cloud-init** and **GitHub Actions**, automating the deployment of Next.js applications to **AWS** and **Azure** machines behind **Nginx** reducing end-to-end environment setup and first deployment time from ~20 minutes to under 5 minutes.
- **Led and mentored** a team of 4 frontend developers, overseeing code quality, architecture, and on-time delivery across multiple client-facing web applications.

Projects

Bookmarks - Keyboard first link manager   bookmarks.rchoudhury.dev
- Built a **keyboard-driven bookmark manager** with React 19 and Next.js App Router, enabling full navigation, search, and management without mouse interaction.
- Implemented a **fully optimistic UI** using React 19 useOptimistic and useActionState, delivering instant add/edit/delete with seamless server reconciliation.
- Engineered an async **metadata unfurling pipeline** to fetch titles and favicons post-save, improving perceived performance and UX.

Custom Registry   registry.rchoudhury.dev
- Forked and customized the official shadcn/ui registry template to create a **personal library of reusable React components and hooks**.
- Distributed components in **JSON format** for seamless integration with the **shadcn CLI**, enabling modular use across projects.
- Authored **usage documentation in MDX** with embedded examples.

Now Screening   github.com/rahul-choudhury/now-screening
- Developed a Chrome extension for **Letterboxd** that extracts the current movie title and injects real-time theater screening availability into the UI, matching the site's OTT link styling.
- Developed a **Go backend** using **chromedp** to scrape all currently screening movies from **BookMyShow**, based on a user-selected city.
- Persistently stores movie data in a **PostgreSQL** database, with listings refreshed every 24 hours.
- On receiving a movie title via a REST API, the backend performs **fuzzy matching** against stored titles to return the closest match and a direct **booking link**.

Education

CV Raman Global University – B.Tech in Computer Science Engineering   August 2018 - August 2022