

# Rahul Choudhury

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## Skills

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**Languages:** Javascript, Typescript, Go

**Libraries/Frameworks:** React, Next.js, shadcn/ui, Radix UI, Material UI, Tailwind CSS, Styled Components, Motion (Framer Motion), Tanstack Query, Zustand, Redux, Zod, React Hook Form

**Tools:** PostgreSQL, Redis, AWS, Microsoft Azure, Docker, Nginx, Github Actions, Vercel, Netlify, Coolify

## Experience

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**Front End Developer, [GrowthPanda](#)** – Remote

July 2023 – Present

- Developed and deployed real-time analytics 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 UI clients and 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. This reduced end-to-end environment setup and first deployment time from ~20 minutes to under 5 minutes, streamlining initial rollout and improving developer efficiency.
- Built multi-step forms in Next.js, integrated with Google Sheets and ERP/CRM APIs. This streamlined lead capture and automated intake for client businesses, cutting manual data entry by over 80%.
- Led and mentored a team of 4 frontend developers, overseeing code quality, architecture, and on-time delivery across multiple client-facing web applications.

## Projects

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**Now Screening**

[github.com/rahul-choudhury/now-screening](https://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.

**Custom Registry**

[registry.rchoudhury.dev](https://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.
- Built with a modular approach and optimized for reuse across personal and team projects.

## Education

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**CV Raman Global University** – B.Tech in Computer Science Engineering

August 2018 - August 2022