

Loh Jian Rong

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SKILLS

Programming: [JavaScript](#) (TypeScript), Node.js, Python, PostgreSQL, MongoDB

Frameworks: [React](#) ([Next.js](#)), [Express.js](#), React Native, Vue, FastAPI, Django

Others: Firebase, Figma, Docker, GraphQL, Git, Heroku, Postman, CI/CD (GitHub Actions), Google Cloud Platform

WORK EXPERIENCE

[99 Group](#) | Frontend Engineer Intern

Jan 2022 - Present

JavaScript, React, Redux

- Boosted organic performance by up to 9% week-on-week: Converted legacy components to a responsive web layout
- Worked closely with product managers, designers, and other engineers
- Implemented unit and integration tests for important user interactions, ensuring no regressions in user experience
- Converted legacy components to a responsive web layout for mobile parity
- Created [New Launch Directory](#), [New Launch Showflat Reviews](#) and [New Launch Reviews Directory](#)
 - Organic search result for 'new launches' improved from 6th spot to 2nd spot
 - Organic search result for '{showflat} showflat review' took 1st spot
- Improved legacy components during Tech Debt months and Bug Fix weeks through improving Core Web Vitals and load times

PROJECTS

[Crypto/NFT Watchlist](#) | [Github Repo](#)

April 2022

TypeScript, Next.js, Upstash, Docker, Google Cloud Platform

- Used Next.js to server-side render pages
- Dockerized image before pushing it onto Google Cloud Run

[URL Shortener](#) | [Frontend](#), [Backend](#)

December 2021

TypeScript, Next.js, Express, Node.js, Prisma, Heroku, MongoDB

- Used Next.js for static pages to improve performance
- Setup Express server on Heroku with Prisma ORM and MongoDB

[Traceify](#) | [Github Repo](#)

September 2021

React.js, Express, Node.js, Spotify Web API, Tailwind CSS, Netlify

- Styled React UI components using Tailwind CSS to look like TraceTogether application
- Set up Express server to communicate with Spotify Web API using OAuth2.0 protocol
- Photoshopped logo to integrate elements of TraceTogether and Spotify

[DriveSG](#) | [Github Repo](#)

August 2021

React Native, Firebase, Tesseract.js

- Implemented OCR from Tesseract.js to extract text from 800 images to create JSON data for questions
- Built UI components using React Native to allow users to enter answers
- Fetched questions from Cloud Firestore and loaded images from Cloud Storage

EDUCATION

BSc in Computing, Computer Science

Graduation Year 2026 (Expected)

National University of Singapore