

Rajat Bhatt

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[Portfolio](#)

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PROFESSIONAL SUMMARY

Experienced web developer with 4 years of experience and a proven track record of creating high-performance, accessible, user-friendly and enterprise level web applications utilizing the latest industry tools and standards.

EXPERIENCE

- **Senior Software Engineer** April 2022 - June 2023
Bacancy Technology
 - Contributed as a full stack developer in a SaaS product JulesAI which is a trading platform for recyclable materials.
 - Created UI components using React, Material UI, Typescript, Javascript and Apollo client. In the backend, created GraphQL API endpoints using Apollo server, knexjs (for building SQL queries and schema migrations) and PostgreSQL.
 - Created an email composer like Gmail to send emails to customers from the app.
 - Implemented additional database schema and schema migration using Knex.js for PostgreSQL
 - Fixed a critical bug related to file upload in Google Cloud which improved file upload time by around 2 seconds
- **Software Engineer** December 2018 - April 2022
Tata Consultancy Services
 - Contributed as a web developer primarily using React, Javascript, NextJS and .Net to build enterprise-level web applications.
 - Used various headless CMS like WordPress, Contentful, Strapi CMS to manage content
 - Collaborated with the design and product team to enhance the website during development.
 - Worked on a complete revamp of a marketing site for a US-based banking company, resulting in a 30% increase in user engagement.
 - Implemented a new marketing site for a healthcare company using React, Next.js and Contentful CMS, resulting in a 58% increase in customers.
 - Focused on improving accessibility and core web vitals using Google's lighthouse tool

PROGRAMMING SKILLS

- **Languages:** Javascript, Typescript, SQL, Python, HTML5, CSS3
- **Technologies:** React, Next.js, Tailwind CSS, Node.js, GraphQL, PostgreSQL, React Native, Git, Docker, Github Actions

EDUCATION

- **Bachelor's of Engineering in Computer Science, CGPA: 8.13/10** 2014 – 2018
Gujarat Technological University

PERSONAL PROJECTS / OPEN SOURCE CONTRIBUTIONS

- **Short It** <https://short-it-rajat.vercel.app/>
 - Created a URL shortener application using Next.js 14, Typescript, React server components, Next auth and Redis (Vercel KV)
 - Implemented authentication and authorization using Json web tokens (JWT), Next auth and Github Oauth. Also implemented protected routes using Next.js middleware
 - Implemented redirecting URL with Next.js dynamic routes and route handlers

- **TypeHero** <https://typehero.dev/>
 - Contributed to Type Hero's Next.js web application improving the accessibility score of the landing page from 94/100 to 100/100. Also made some additional accessibility fixes making it WCAG 2.0 AA compliant
 - Added Axe core playwright test as a regression testing into the existing end-to-end tests so future changes don't break its accessibility
- **Typescript Challenges Progress Tracker** <https://type-challenges.vercel.app/>
 - This is a companion app created using Next.js 14 and Tailwind CSS for the popular [Type challenges](#) repository. Since the original repo does not provide a good way to track the progress, I made this to keep track of my progress while solving typescript challenges. It uses local storage to store the progress.
- **The Chocolate shop** <https://tonyschocolonely.vercel.app/>
 - Inspired by new brutalism design style, Created an ecommerce application using Next.js 13, Supabase, PostgreSQL, Stripe and Tailwind CSS.
 - Implemented persistent cart storage. Integrated Stripe checkout for payment processing
- **Portfolio site** <https://rajatbhatt.vercel.app/>
 - Created a portfolio project using Next.js 13 and Tailwind CSS. Implemented blog feature using MDX and ContentLayer. Improved accessibility score by integrating axe-core with Playwright tests
 - Integrated end-to-end testing with Playwright and created a custom GitHub action for the same.

CERTIFICATIONS

- **Frontend Engineer Nanodegree - Udacity** [Certificate URL](#)
 - Learned about Frontend Build tools like webpack, Web APIs, Asynchronous applications, Javascript, Web site layout and Components
- **Machine Learning - Coursera** [Certificate URL](#)
 - Learned about fundamentals of machine learning like supervised and unsupervised models, linear and logistic regressions models. Also implemented various machine learning algorithms using Python and numpy
- **GraphQL Developer - Associate** [Certificate URL](#)
 - Gained a solid foundational knowledge of GraphQL and the Apollo tool suite to design a schema, run an Apollo Server, and perform queries with Apollo Client on the frontend.