

Nishant Racherla

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EXPERIENCE

ShopDigest

Remote, India

Founding Frontend Engineer

Sept 2024 – Present

- Built over 30 interactive and reusable chart components, providing detailed analytics and insights for 10,000+ Shopify apps.
- Reduced initial page load time by 90% by implementing efficient data fetching and caching methods using SWR.
- Promoted to Founding Frontend Engineer within the first 3 months, leading the development of the company's web interface using Next.js.

ProfessorAI

Remote, US

Full Stack Engineer

Jan 2024 - May 2024

- Designed and implemented a robust PDF viewer for rendering large textbooks (>1000 pages) in chats, decreasing resource consumption by 80% and drastically reducing application crash rate.
- Improved code maintainability by untangling the state management system and laid the foundation for code documentation resulting in smoother developer onboarding.

EDUCATION

Sreenidhi Institute of Science and Technology

Hyderabad, India

Bachelor of Technology, Computer Science

Aug 2018 - Aug 2022

Cumulative GPA: 8.57/10

App Academy

San Francisco, CA

1000-hour immersive full-stack web development course with <3% acceptance rate

Oct 2022 - Feb 2023

PROJECTS

[DishCraft](#) - Performant recipe sharing platform

- Leveraged Partial Pre-Rendering (PPR), Server Actions, and Dynamic Rendering in Next.js, achieving 99+ Google PageSpeed Insights scores in every category.
- Implemented trigram matching using pg_trgm indexes for multiple fields, reducing search query speeds by 96.5%.
- Incorporated rate limiting using Vercel's KV database, preventing excessive database querying and malicious traffic.

[Resonance](#) - Full-stack web application inspired by Discord

- Implemented real-time chat functionality using Action Cable and Redis for user communication.
- Built user interactions with Websockets enabling instant updates to UI without page refreshes or additional network round trips allowing seamless user experiences.

OPEN SOURCE

- [TheAlgorithms/TypeScript](#): Contributed math functions and corresponding unit tests to be used as utilities repository-wide.
- [Dhravya/dump.place](#): Created loading pages with skeletons, reducing initial page load time by 98%.
- [himsself65/npm-download-stat](#): Implemented a loading spinner and disabled search button during data fetching using useFormStatus, enhancing UX.

SKILLS

Next.js, React, Redux, TypeScript, JavaScript, Tailwind CSS, HTML, CSS, Prisma, Drizzle, Node.js, Express, Ruby on Rails, Ruby, Serverless Databases, PostgreSQL, MongoDB, REST APIs, Websockets, Shadcn UI, Radix UI, MUI, Python, Babel, Webpack