Neeraj Dalal

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Education

- **10th CBSE in 2014 -** Kendriya Vidyalaya Andrews Ganj, New Delhi
- **12th CBSE in 2016 -** Kendriya Vidyalaya Andrews Ganj, New Delhi
- **B.Tech. ECE from 2016-20 -** Delhi Technical Campus (affiliated GGSIPU), New Delhi

Work Experience

- **Full-Stack Developer at VeroXyle · May 2020 - August 2022**
  - worked and interacted with lots of clients all over the world
  - developed and maintained multiple frontends and backends for contract based projects
  - wrote CI/CD pipelines for multiple projects, server management scripts, addtional APIs for other projects and much more
- **Senior Developer at Warewe · September 2022 - September 2023**
  - **hetrolinks.com** - SAAS product instantly repair broken amazon affiliate links over any affiliate blogs or websites
    - usage video: youtube.com/@Hetrolinks/videos
    - engineered ways to use AWS Lambda as proxies to bypass the amazon.com captcha, saving 90% of the cost by not buying proxies
    - create an advance scraper to scrape whole websites, find broken amazon affiliate links, find out sites vulnerabilities and much more
      - scraping over 2000 pages in 5-10 mins
    - re-wrote whole backend in Node.js and AWS Lambda with 300% performance improvement over older version which was written in Python
    - implemented queue system to handle multiple requests at the same time and also rate limit the requests
    - created a dashboard to manage multiple projects and see the stats
  - **serpwe.com** - SAAS product to generate, keyword ideas and organize them into topical clusters
    - usage video: youtube.com/@SerpWe/videos
    - created the whole project including the frontend and backend, serverless APIs and much more from scratch, and improved on APIs, code quality and performance of Hetrolinks to be reused in this project
    - engineered ways to run Puppeteer on AWS Lambda to scrape google search results and npm libraries to structure the data to be used to cluster and generate keyword ideas
    - created highly performand APIs to cluster the keywords (including running Python as a Child Process to get the performance)
    - wrote whole frontend in Next.js and leveraging libraries like Tanstack Query, TailwindCSS, and much more

- **Contract by Sultan Wehaibi GFT Inc · October 2023 - Jan 2024**
  - conceptualized project that enables users to access gifts through a sophisticated system utilizing QR codes
  - developed using Next.js as an full-stack framework, leveraging Drizzle, Tanstack, TailwindCSS, external APIs, etc
  - created a highly performant and scalable backend using Next.js API routes
  - used AWS S3 to store the images and AWS Lambda to resize the images and serve them
  - rate limiting and caching the requests to improve the performance leveraging upstash/redis, and much more

Open Source Work

- **rdt.li** - SAAS product or a self hostable url shortener, alternative to bit.ly
  - 200+ stars on Github
  - Over 200 active users
  - to know more about the project, visit rdt.li or README.md
- **shadcn/ui snippets** - VS Code extension to add snippets for shadcn/ui
  - 75+ stars on Github
  - 1250+ installs in VS Code
  - to know more about the project, visit VS Code Extension Store
- **40+ public projects** - including worldwide used gists, npm libraries, VS Code extensions, server management scripts, and much more

Blogs

- **Mastering JavaScript** - What to learn? What to use? Listing best frameworks, libraries, and tools and much more
- **Learn Web Development** - How to get started in 2024, and some useful resources
- **Other Blogs** - find out more amazing blogs on my website

Skills

- **Languages -** TypeScript, JavaScript, CSS, HTML, Shell
- **Frameworks -** React, Next.js, Express, Elysia, TailwindCSS, etc
- **Databases -** MongoDB, PostgreSQL, MySQL, SQLite, Redis
- **ORMs -** Drizzle, Prisma, Mongoose
- **Cloud -** AWS, Linode, DigitalOcean, Vercel, Netlify, Heroku
- **Tools -** Figma, VS Code, Git, Docker, Nginx, Apache, PM2, etc
- **Others -** SEO, Web Scraping, Performance Optimization, Security, etc
- **Creating npm libraries, serverless APIs, microservices, starter kits and much more**

Latest Achievement

- Amongst top 7 submissions for mydukaan.io pixel perfect challenge over 1000+ submissions

Philosophy

Nothing is permanent, yet code remains. So why not write clean, re-useable and future-proof code.