

Vignesh Wadhwani

Willemstad, Curaçao

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Dedicated and efficient Software Engineer with hands-on experience building scalable, performant, detail-oriented, and user-friendly front-end and back-end applications.

Programming Skills

Languages	JavaScript, TypeScript, Python, Golang
Front End	HTML, CSS, React.js, Next.js, Sass, TailwindCSS
Back End	Node.js, Express.js, GraphQL, tRPC, Django, Flask, Fiber, Gin
Technologies	Git, Docker, MySQL, PostgreSQL, MongoDB, SQLite, Redis, Prisma

Projects

Curious Social platform for the curious.

<https://github.com/typescriptlover/curious>

- Built a mono-repo full-stack application using Turborepo, Next.js, Node.js, Express.js, and tRPC with TypeScript.
- Developed a flexible and fast authentication system with JSON Web Tokens and client-side Cookies, making sign-in and sign-up scalable and multi-platform.
- Architected and developed relational database storage using Dockerized PostgreSQL and Prisma as the Object-relational Mapper.
- Developed detailed and responsive user interface components via React concepts.

Noca Infinitely spatial and interactive note app.

<https://github.com/typescriptlover/noca>

- Built a front-end application using Vite.js and React.js with TypeScript.
- Implemented local, serverless storage with PouchDB, reducing costs to 0\$.
- Designed and developed a beautiful, animated UI/UX with TailwindCSS and Framer Motion.

Experience

DoIT Solutions

May 2022—Dec 2022

Full-stack Engineer

- Built a front-end application using Next.js with JavaScript.
- Developed a performant and interactive spreadsheet grid system from scratch for handling and operating large amounts of data, efficiently managed by Hookstate.
- Designed and developed a reusable user interface component system with TailwindCSS.
- Implemented GitHub CI/CD for automatic Dockerization and deployment to a VPS.

DiscordStyle

Mar 2021—May 2022

Full-stack Engineer

- Built and managed two backend applications using Node.js, Express.js, Apollo Server, and GraphQL with TypeScript, actively used by over 363,000 unique users.
- Developed an efficient Redis caching layer with a busting strategy for serving quick responses on data fetched externally from Discord's API, reducing response times by 90%.
- Managed, dockerized, scaled, and deployed to a VPS.
- Developed react hooks for polling and caching GraphQL Data on the front end.