







KARAN SANJEEV NAIR

FULL-STACK DEVELOPER

PERSONAL PROFILE

Full-Stack developer, Specialized in Golang, Javascript & PHP technologies. Experienced in building full fledged performant solutions.

CONTACT

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EDUCATION

High School - 2019

Science, Computer Major.

Sethu Bhaskara Matriculation
Higher Secondary School

Undergraduate - 2019 - 2023

BE. Computer Science

KCG College of Technology

MAJOR PROJECTS

Sub2Unlock - <https://sub2unlock.com/>

STACK - PHP(LARAVEL), NGINX, MARIADB, REDIS

- Built highly available and scalable infrastructure to meet 1M+ reqs/day
- Made application respond within 30MS latency
- Built custom caching systems reducing load by ~49%
- Reduced monthly server costs by ~40%

LinkGenie.Me - <https://linkgenie.me/>

STACK - NODEJS(EXPRESS), NGINX, POSTGRES, SVELTEJS

<https://github.com/smartclash/LinkGenie>

- Built completely using SvelteJS. Site size less than 30KB, loads in less than 1 second globally
- Backend powered by Hasura
- Leveraged cloudflare caching using CF workers to make the site feel even more snappy

FormZend - <https://formzend.com/>

STACK - PHP, MYSQL, NGINX, REDIS

<https://github.com/InScrompT/FormZend>

- Uses queues to perform time intensive tasks such as sending emails and updating records
- Replaces custom backends to handle form submission for static sites. Submit to formzend and it will email the submission automatically.
- Uses docker swarm to deploy multiple containers and maintain good uptime.

LANGUAGES KNOWN

- NodeJS - Advanced - ExpressJS, SailsJS
- PHP - Advanced - Laravel, Symfony
- GoLang - Intermediate - Gorilla toolkit
- Ruby - Beginner - Ruby on Rails

INTERNSHIPS

GossipGC, Basik Marketing - <https://gossip.gg/> - Current

NodeJS (Strapi), Golang, Meilisearch, NextJS - Full Stack (Consultant/Intern)

- Ideated, managed and distributed plans across different development phases.
- Built highly performant Incremental Static frontend using NextJS.
- Made recommendation engine and used different languages (Go, Node.js) for best performance
- Made client app load within 300ms irrespective of their location.

Stockarea - <https://stockarea.io/> - 6 months

Backend developer - Laravel

- Automated data retrieval from e-way bill to generate invoices.
- Made resource efficient report generation that handled deep data relations.
- Built importer to import more than 10K products without hogging resources.
- Built API for statistics and ledger with advanced filters and sorting.

CoronaSafe - <https://coronasafe.network/> - 3 months

NodeJS, Ruby, React, Python. Built healthcare system serving thousands of patients each day

- Built dashboard that monitors oxygen, beds and medicine stocks.
- Built software for healthcare facilities to manage patients, assets & medical supplies.

MLH Fellowship - <https://fellowship.mlh.io/> - 3 months

Node JS. Worked on Facebook's Jest test runner

- Made custom runner for Jest that helps people test their typings in javascript projects
 - <https://github.com/MLH-Fellowship/jest-runner-tsd>
- Made two feature PRs to TSD - <https://github.com/SamVerschueren/tsd>
 - Added support to specify test files and typings file path manually.
 - Added verbose reporting feature that returns the number of tests it ran.
- Wrote tests for TS typings of Jest using the custom runner made during the fellowship.

Hasura - <https://hasura.io/> - 3 months

Node JS. Worked on documentation and Hasura's CLI tool.

- Made significant contributions to Hasura's documentation.
- Created hasura-nodejs getting started template.
- One of the few top contributors at Hasura's forum.

NOTABLE CONTRACT

MaaPay, Agrolen - Navasheva Group of Companies

PHP (Laravel), PostgreSQL, React Native, React (Next JS) - <https://maapay.io/>

- Completely digitalised milk supply chain, from the farmer to dairy milk aggregators.
- Designed the whole architecture and implemented it within 2 months.
- Built performant backend that responds within 50ms no matter the load or operation.
- Hired, trained and managed a team of 4 people.
- Provided consultancy and introduced major USPs to the product.