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

- /smartclash
- yo@alphaman.me
- @xXAlphaManXx
- /karansanjeev-alphaman
- https://alphaman.me/
- +91 9080508847

EDUCATION

High School - 2019
Science, Computer Major.

Sethu Bhaskara Matriculation Higher Secondary School

Undergraduate - 2019 - 2023
BE. Computer Science

KCG College of Technology

CONTRACTS

Gossip.GG, Basik Marketing- https://gossip.gg/
NODEJS (STRAPI), GOLANG, MEILISEARCH, NEXTJS - FULL STACK

- Ideated, managed and distributed plans across different development phases.
- Made recommendation engine and using Go & Node
- Built highly performant SSR frontend using NextJS
- Reduced monthly server costs by ~40%
- Made article navigation load within 150ms

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%

Agrolen - Navasheva Group of Companies
PHP (LARAVEL), POSTGRESQL, REACT NATIVE, REACT (NEXT JS)

- Completely digitalised milk supply chain, from the farmer to dairy milk aggregators.
- Architected and implemented system within 2 months.
- Built performant backend that responds within 50ms irrespective of traffic.
- Hired, trained and managed a team of 4 people.
- Provided consultancy and introduced major USPs to the product.

TECH STACK

- NodeJS - Advanced   - ExpressJS, SailsJS
- PHP   - Advanced   - Laravel, Symfony
- React   - Advanced   - Next.js, Astro
- GoLang - Intermediate   - Gorilla, Gin, GORM

PROJECTS

Choicez - https://choicez.alphaman.me/

Golang, Meilisearch, Go-Colly, Postgres

- 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.

Sub2Unlock - https://sub2unlock.com/

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

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Checkout more: Linkgenie.me, PredCorona,

INTERNSHIPS

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.