Mrinal Wahal

Engineering & Philosophy

wahal@localhost:~$ echo "Golang, GraphQL, Nuxt.js" > expertise.sh

INTERESTS

- Backend Engineering
- Developer Experience
- First Principles
- Computational Philosophy
- Teaching, Public Speaking

SKILLS

- Golang, but language agnostic
- AWS, Cloud
- GraphQL, Hasura
- Microservices, APIs, Serverless
- DevOps, CI/CD, Containerization
- Systems, Linux, GitOps
- Leadership, Communication, Problem Solving, Teamwork

EDUCATION

Bachelors in Technology

Computer Science & Engineering

- MrinalWahal
- MrinalWahal[at]gmail[dot]com
- Remote | GMT+5:30 🇮🇳

You can read more about my work, publications, talk and other stuff in detail on my website.

🔗 wah.al

EXPERIENCE

Nhost.io, Stockholm | 9 Months | Link

Stack: Golang, AWS, GitHub Actions, Docker, Shell Scripts

- Second core team member.
- Designed and maintained the Nhost CLI from scratch.
- Contributed to all of Nhost stack, including front-end SDKs, auth and storage.
- Handled design, development, testing, documentation and deployment.

Oversight.in - Founder & CEO | 20 Months | Link

Stack: Nuxt.js, Golang, GraphQL, AWS (EC2, RDS, ELB), Razorpay (payments).

- CMS for research collaboration to allows scientists, faculties and students to collaborate on each other's research through mentorship, internships or professional collaboration.
- Crowdfund on your research or generate monthly income from your followers.

InstantPost, Bangalore | 12 Months

Stack: Python, Headless Servers, Docker, LXC, Ubuntu, RHEL, OpenSSH.

- Automated remote servers across India for a production-ready edge-computing environment. Handling load balancing, health monitoring, fault tolerance, auto-scaling of services and secure server-to-server connections.
- Technical writer for all the innovations and developments within the company.

PERSONAL PROJECTS

Pragyaan.co | Link

Stack: Nuxt.js, Golang, GraphQL (Hasura), Vercel, Razorpay (payments).

Event hosting and ticket collection platform for educational trainings, workshops, webinars, etc.

Hydra | Link

Stack: Python, Shell Scripts, Wireshark, Scapy, Kali (OS), OpenSSH.

Designed an advanced high security, low latency anonymous data routing mechanism on the network patching the logical vulnerabilities of existing anonymous routing designs.

OPEN SOURCE

Gotunnel | Link

Built and maintain this Go library that exposes your local service to a public server. Open-source alternative to ngrok.

Nhost CLI | Link

I continue to solve issues, make pull-requests on Nhost's CLI repository.

Google Summer of Code 2019 | Link

International Neuro-informatics Cordination Facility (INCF), Germany Node.

PATENTS

Hydra | Under Examination

Modern resilient anonymous network routing protocol for enhanced security, reduced latency by overcoming the shortfalls of the infamous Onion Router (TOR).