ALI MOHAMMAD HAMZA

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About Me

Passionate software engineer with over **5 years of** experience of building products. I have first hand experience of transforming an idea to a successful product. Some of my built products & services are being used by **hundreds of thousands** of users per day. I have great passion for complex problem solving, **Unix**, **Backend** & **DevOps**. I also like to play with new technologies & electronics, like: Arduino and Raspberry PI. And in my free time I often explore the infosec world.

SKILLS

Programming Languages: Go, PHP, C/C++, TypeScript, Shell
Databases: SQLite, MySQL, Redis
Tools: Docker, Git, Gitlab, GitHub, Bash

Frameworks & Libraries: Laravel, Vue, Gin, Qt
Other: Linux, Nginx, Websocket, Rest API, Microservices, AWS, CI/CD, Heroku, DigitalOcean, Server Administration, Agile

EXPERIENCES

SpareHub | Remote | Software Engineer | December 2021 - April 2022 (Shutdown)
- Developed API(s) for bidding and workshop services using Laravel
- Managed servers using Docker & others

Greentech Apps Foundation | Remote | Software Engineer | December 2016 - November 2021
- Built backend servers using Go, one of them handles **1M** requests daily
- Managed servers using EC2, LightSail, S3, Ubuntu-Server
- Developed multiple iOS apps from scratch, one of them has **150K** active users monthly.
- Created single view applications using Laravel & Vue, one of them has **5K** active users monthly.
- Mentored 2 junior developers
- Collaborated in a number of projects in multiple stacks
- Implemented CI/CD for multiple apps

PERSONAL PROJECTS

- **Custom blog**: A complete custom coded blog which ensures maximum performance during user interaction. Currently **4** blogs are running in production with average **50K**+ page views per month.
  Tech: Go (api, websocket & rest api), Laravel, Vue (frontend & ssr), Wordpress, MySQL, Docker
  Demo: bibijaan.com

- **Kubernetes Cluster:** Created a Kubernetes cluster using **4** pieces of Raspberry Pi
  Tech: K3s, Bash

- **Proxy Suite**: A desktop app, which works as a MITM, just like Burp Suite.
  Tech: C++, Qt, Go (forked and edited goproxy), SQLite
  gitlab.com/hamza72x/bilai-suite-qt (app), gitlab.com/hamza72x/bilai-proxy (proxy)

EDUCATION

Sylhet Engineering College, Tilagor
Bachelor of Science | 2020

Universal College, Sylhet
HSC | 2014