

Wares Islam

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Education

Ada. National College for Digital Skills

Computer Science & Physics

London, United Kingdom
Aug 2018 - Jun 2020

- BTEC Level 3 Computer Science & A-Level Physics
- Achievement: UK Bebras Challenge 2018 (Distinction)

Rokeyby School

London, United Kingdom
Dec 2013 - Jun 2018

- GCSE Computer Science, Design & Technology, Maths, Italian, Spanish, Physics, Chemistry, Biology, English Literature, English Language.
- Award: Diana Award 2016

Work Experience

Infinity Supply

Backend Developer

Stuttgart, Germany (Remote)
Apr 2021 - Present

- Worked on integrating multiple APIs to the site's backend on Heroku with the use of NodeJS and PostgreSQL.
- Made the load balancing architecture for certain products offered to clients.
- Improved the Heroku Redis and Heroku Dynos to waste less resources and save on costs over time.
- Implemented a daily data tracker for clients and showing to clients via their product page as a graph and current value, and ran an automated alert webhooks for client's product usage info.
- Implement a pipeline for our AWS S3 bucket to update when pushing changes to the GitHub repo and setup AWS CloudFront to store our static content on edge servers.
- Currently working on migrating our landing site & dashboard from Vue 2 to Vue 3.

SpeedProxies

Owner / Software Developer

London, United Kingdom
Oct 2020 - Present

- Created the dashboard front-end and back-end with PHP and created an automated ordering system for products.
- Converted our landing page from PHP to Nuxt.js for performance and SEO reasons, whilst doing this I have also changed the site from a Public Cloud deployment to a JAMstack one with Cloudflare Pages.
- Setup proxies through Squid to host IPv4 proxies & use HAProxy to make rotating proxies out of IPv6 addresses.
- Create a Reseller API in PHP and use HAProxy as an API Gateway by rate limiting.
- Setup Cloudflare settings to secure our dashboard's login and register endpoints, and use Cloudflare Spectrum to accelerate our TCP connections of users using our bandwidth sharing app to our servers.
- Currently working on our Android & Windows bandwidth sharing app written in Java/Dart & Go.

Projects

- **Proxy Reseller CLI Tool:** CLI tool made for proxy resellers to allow them to meet their residential proxy needs such as creating users, adding bandwidth and many other API functions included. (Python)
- **Cloudflare Worker Web Scraper:** A Node.js web scraper that takes advantage of Cloudflare Workers distributed code execution at low latency to fetch and scrape store sites such as Amazon & Ebay. (Node.js)
- **Squid Proxy Config Maker :** Making squid proxies can be very long especially when you have to repeat certain things over and over in the config file, this will automate most of your config making needs and split up your config automatically so Squid is faster at reloading your long config files. (Python)

Additional Info

- **Programming Languages:** Python, PHP, JavaScript, SQL, Dart
- **Libraries & Frameworks:** Node.js, Vue.js, Nuxt.js, jQuery, Laravel
- **Software:** Apache, NGINX, Postman, HAProxy, MySQL, PostgreSQL, Composer, Visual Studio Code, Atom
- **Technology & Tools:** Git, Npm, Webpack, Cloudflare, AWS, Ubuntu
- **Values:** Creativity, Curiosity, Collaboration, Rigour, Resilience