

Rob Nelson

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DevOps Engineering

<https://LinkedIn.com/guruvan>

<https://github.com/guruvan>

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<https://hub.docker.com/r/guruvan>

Broad systems and networking generalist with over 20yrs of professional and personal experience, recent experience with developer-focused cloud networking and build & release pipelines, stacks based in several languages. Rapidly absorb new technologies, expert troubleshooting skills. Team builder and coach.

| Expert | Advanced | Intermediate | Beginner |
|---------------------|----------------------|------------------------|------------|
| Linux / Unix Admin | Docker | Cloud Operations | Kubernetes |
| Network Engineering | Vagrant | CI/CD | Jenkins |
| DNS | git /github / gitlab | Shell Scripting (bash) | SQL |
| Troubleshooting | Virtualization | AWS VPC Route53 EBS | AWS IAM |

Managing Partner - *mazaclub*

July 2014 - Present - Remote

<https://github.com/mazaclub>

mazaclub ports and develops multiplatform applications & build systems for cryptocurrency development teams.

- Build docker based multi-blockchain services and CI/CD network for developers' needs
- Operate multi-cloud based development network, VPN access
- Automate & tune build processes to reduce build times
- Package & Release & manual QA python applications & supporting modules - own manual QA process to build trust with clients

Tech Stack: Linux Docker Bash git github gitlab Bitcoin mysql python nginx Electrum Rancher kubernetes jenkins cjdns VMware ESXi macOS Windows powershell debian ubuntu nixOS AWS VPC EBS Route53

Project Coordinator / Release Engineer - MAZA

June 2014 - December 2018 - Remote

<https://github.com/mazacoin>

MAZA is a public blockchain, launched in 2014. I became involved as part of a community based revitalization effort

- Led hard fork to ensure security of process for 1st community release of mazacoin
- Organized Community channels for discussion & development work
- Developed various tools and docker images to support volunteer services operators
- Acted as release engineer to help guide engineers towards best known bitcoin development practices
- Built existing website to reduce vulnerability footprint and permit github PR-based update ability.

Tech Stack: Linux Docker Bash git github Bitcoin mysql PHP sql nginx git github CoreOS AWS VPC EBS Route53

Miner & Mining Pool Operator - *Self Employed*

March 2012 - June 2014

- Mined several cryptocurrencies with various technologies. Bitcoin, Litecoin, Maza.
- Ported p2pool and ABE blockexplorer to maza (python applications) to build network support
- Operated maza pay-per-share mining pool to provide alternative to pplns mining

Tech Stack: Linux Docker Bash Bitcoin mysql PHP sql nginx git github CoreOS AWS VPC EBS Route53

Additional Experience

Support Engineer - *PeopleBrowsr*

2 years

PeopleBrowsr began as a power-user focused Twitter client application, with a superior UI

- As user created position to monitor operations to improve application performance & user satisfaction
- Performed routine maintenance & repair on systems to increase developer's effectiveness
- Automated direct social media marketing campaigns increasing response rates

Partner / Head Barista - *The Village Oracle & Buddha Belly Cafe*

2 years

Eclectic cafe in Northern California catering to musicians, artists, and world travelers.

- Brought full coffee service to cafe increasing daily regular business
- Curated Art shows & closed art sales to help sustain cafe through winter months
- Built state-of-the-art virtualized internet cafe with several seats increasing draw & ticket averages

IT Consultant / Network Engineer - *Self Employed*

4 years

Supported several small to mid sized businesses with general IT advice, vendor evaluation, and network engineering services.

- Consult clients on IT projects and vendors providing broad analysis and overview
- Engineer multi-site data & telecom networks, liaison with carriers, IT service vendors for clients
- Train employees on basic troubleshooting and operation of networking gear

Network Operations Manager - *FlyCast Communications*

2 years

Flycast was the #2 Ad serving network next to DoubleClick in the dotcom boom. I built the Network Operations team from myself to a team of 3 which ran the production network from early stage to post-IPO.

- Restored revenue generating systems from near failure guaranteeing completion of funding round
- Led cross-functional engineering teams through complex deployments to meet tight deadlines
- Led strategic initiatives to improve incident and support response processes increasing customer satisfaction

CEO - *The Internetwork Operating Company*

2 years

INTERNOC provided Value Added Reseller services, including full network engineering and implementation, outsourced maintenance, and customer support callcenter for small startup Internet Service Providers

- Grew company to a staff of 5, mentored professional development of team
- Final escalation point for all clients, ensured satisfaction of their client bases
- Provided technical leadership and guidance for INTERNOC team, and clients' staffs

Tech Support Specialist - *University of Texas at San Antonio*

4 years

Hired on part time, grew position to full time, help grow support department. Held positions as Tech Support Specialist, Network Specialist, and Academic Computing Support Specialist.

- With hiring manager built University's first Helpdesk and User Support Department
- Responsible for technical oversight of support engineering staff
- Built computer education and training classroom network

EDUCATION

Northern Illinois University - *English*

1 years

University of Texas at San Antonio - *English*

1 years