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  Network Engineering  DNS  Troubleshooting | Docker  Vagrant  git /github / gitlab  Virtualization | Cloud Operations  CI/CD  Shell Scripting (bash)  AWS VPC Route53 EBS | Kubernetes  Jenkins  SQL  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

**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

**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 Specialst, 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*

X years

**University of Texas at San Antonio** *- English*

X years