

# Adam Brown

Full-Stack Engineer / Blockchain / Linux Admin & DevOps

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A leader with a strong background in building remote teams, coaching, guiding performance, and monitoring development. Excels at independently designing and building amazing products and services. Strong believer in innovation and constant learning. Can develop the full-stack, from programming, database design and maintenance, to server management and operations.

## EXPERIENCE

### Xough, Ltd.

November 1, 2015 to Present

#### CTO / Director

- Sole System Administrator and Developer of CoinMall, a site under development that will allow creators to sell digital goods for digital currencies.
- Built service so it automatically scales horizontally across low-cost VPS's as demand increases. Dev Site can support an estimated 30,000 concurrent users for only \$25 a month
- Page generation times under 100ms by using Redis caching, even for complicated pages that touch multiple tables and data sources

### TechEndeavors Startup Factory

January 2000 to Present

#### Solo Founder

- Startup Factory builds and sells websites and software projects.
- Built and sold 27 different projects, with 5 sales in 2016.

### Payment Approved

January 2015 to June 2015

#### Software Engineer

- Contributed to the core code-base of an advanced p2p payments platform and a credit card payment processor.
- Picked and implemented Laravel and Lumen framework
- Designed database schema
- Designed the encryption methods and procedures, and implemented the advanced security methods.

### BlockAuth

March 2014 to January 2015

#### Founder & CEO

- Built the infrastructure to power a new generation of Authentication Providers that allow businesses to utilize zero-knowledge identity and fact verification.
- Allowed users to prove their identity to an identity provider once and not have to prove it again to any websites that accepted BlockAuth compatible logins.

- Benefits to business partners included guarantees that users are real people, unique, and meet any legal requirements to use the service.
- Resulting user dossiers were immutable, secure, and all updates could be attributed to the signing party.
- Recipient of \$250,000 BitAngels.co Angel Investment.

## Upbring

*February 2009 to June  
2014*

### Systems Engineer

Responsible for implementing methods to keep 500+ client machines and 30+ servers up-to-date and operational, monitoring network and server health, prevention of virus and malware outbreaks, and investigating improvements to procedures and technology using current best practices.

- Built Sharepoint-based intranet
- Upgrades and Migrated from Exchange 2003 to Exchange 2010 for over 500 users with minimal user impact
- Implemented mature backup solution
- Configured centrally-managed Antivirus
- Built 30+ site Cisco ASA VPN network
- Virtualized an entire data center of physical servers into one rack
- Set up Windows Deployment Services infrastructure to rapidly deploy/redeploy client machines
- Upgraded and configured large wireless infrastructures
- Configured several RDS Terminal servers and developed a VDI infrastructure

## Longhorn Solar

*August 2004 to February  
2009*

### IT Director

- Created offsite data backup systems
- Kept all workstations and servers up to date
- Created and maintained company website
- Implemented SEO and social media outreach programs
- Created custom appointment and proposal system
- Used new technologies to reduced time to create customer bid by 75%

### SKILLS

Amazon S3, Ansible, AWS, Bitcoin, Blockchains, CentOS, Chef, Cisco IOS, CSS, Dapps, Debian, Django, Docker, Ethereum, Go, Graphana, Graphite, Gulp, HTML, Javascript, jQuery, KVM, Laravel, LESS, Linux, Logstash, Lumen, MariaDB / MySQL, MongoDB, OpenStack, OpenVZ, PHP, PostgreSQL, Puppet, Python, React, Redis, REST API's, RethinkDB, Salt, SaltStack, Security Hardening, Solidity, Splunk, System Administration, Ubuntu, VCenter, VMWare, Vue.js

### PROJECTS

## Premium Gift Cards

*January 2014 to April 2016*

<https://premiumgiftcards.com>

Techendeavors Startup Factory project resulted in a passive income business that sells gift cards and services for Bitcoins. The website generates enough income to fund my ongoing sabbatical. Built in PHP with custom Bitcoin payment processing backend. Over \$1,000,000 worth of product sold without any losses due to hacking or double spends. Sold in 2016.

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## **Laravel Directory**

*June 2015 to Present*

<https://laraveldirectory.com>

Techendeavors Startup Factory project. Directory of Laravel programming resources. Attempting to find ideal monetization method before sale.

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## **Bitcoin Thefts**

*June 2015 to Present*

<https://bitcointhefts.com>

Techendeavors Startup Factory project. Directory of known Bitcoin thefts and losses throughout history. Attempting to find ideal monetization method before sale.

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## **Interview Scout**

*Nov 2016 to Present*

<https://interviewscout.com>

Techendeavors Startup Factory project. Software that assists individuals during their job search by helping them optimize and outsource parts of the application process. Expected launch in Q1 2017.