



# BRAD HOUSE

Software Developer | Network Architect | System Administrator | IT Manager/Director

With almost 20 years of professional software development, network architecture, and management experience, I am seasoned, yet still invigorated by technologies. I love to learn new things, spread the knowledge I've gained to others, and apply my acquired skillset to products others can use and appreciate.

I am an avid open-source user and like to contribute back to the community when time permits. Software and technology are not only my chosen career, but also my hobby. I feel staying involved in open source not only provides enjoyment but hones my skills for use in my professional life.

## CONTACT

- ☎ (352) 256-5614
- ✉ [brad@brad-house.com](mailto:brad@brad-house.com)
- 🌐 <https://bradhouse.dev/>
- 📍 Jacksonville, FL

## EXPERTISE

IT Management	████████
System Admin + CI/CD	██████████
Network Architecture	██████████
Secure Development	██████████
C Development	██████████

## REFERENCES

Darryl Wright / CEO Monetra Technologies  
[dwright@monetra.com](mailto:dwright@monetra.com) | 352-256-8877

John Schember / CTO Monetra Technologies  
[john@nachtimwald.com](mailto:john@nachtimwald.com) | 480-273-9494

## EXPERIENCE

### CIO/CISO Monetra Technologies, LLC (an i3 Verticals company)

Nov. 2018 - Present

In November 2018, we sold Main Street Softworks to i3 Verticals LLC (NASDAQ: IIIV), which became known as Monetra Technologies. This name transition also marked a shift in our focus away from general purpose payment software for merchants into services, and enterprise payment software.

The shift in focus involved an expansion to multiple datacenters and high-availability solutions utilizing BGP. This was in addition to my responsibilities as listed under Main Street Softworks, Inc.

### CTO/Co-Founder Main Street Softworks, Inc

Feb. 2001 - Nov. 2018

I co-founded Main Street Softworks, a leading provider of payment processing software for Linux, with two business partners in 2001. I was the sole developer for the first couple of years until we got our first Fortune 500 customer which afforded us the ability to expand.

As we grew, so did my responsibilities; I managed small teams of developers, IT staff, and support staff. I also architected our secure network and performed system administration duties as we introduced our SaaS offerings.

## PROJECTS

### c-ares maintainer | 2017 - present

c-ares is an async DNS library written in C deployed on billions of devices. My responsibilities are to review patches, triage bugs, and address security disclosures.

### mStdLib co-author | 2013 - present

mStdLib is an efficient and secure cross-platform C89 library meant to provide common library functions for data structures, safe data handling, event-based I/O, threading, SQL abstraction, and many others that are not part of the C standard. It allows for rapid application development in C while avoiding many of the pitfalls of programming in C by providing hard-to-misuse functions.

### Gentoo Linux - amd64 project lead | 2003 - 2004

Responsible for bring-up of amd64 port.