

Experience

Independent Contracting

(7 of the past 10 years)

Design software, solve problems, cut costs, increase reliability, save time, give you more independence, connect people, ask “why?”, help you see more clearly.

Centerstone

5/2005 - 8/2007

Led project, infused Agile and BDD techniques, recruited world-class talent, prioritized quality and craftsmanship, grew a motley crew into a self-sustaining team of 12 well-rounded gurus, guided deployment strategy, advised top-level executives, worked directly with developers and users on design and development of massive scope Rails application to serve 200K+ patients in multiple states, using only 20,000 lines of database-agnostic Ruby code.

Base Systems

9/2002 - 3/2005

Redesigned core software, introduced repeatability and stability, revamped support methodologies, developed new applications which changed the direction and measurably improved the long-term viability of the organization.

Eastcore

11/1998 - 9/2002

Co-founded company, designed and built legal tools and content management software, advised integrators of our content platform, built and supported the first (and still only) open platform for Georgia statute and case law information, paid investors and retained a profit.

Vested Software

4/1998 - 10/1999

Co-founded company, designed and built web-based and “N-tier” tools and systems for clients in the New York financial services industry, derived estimates and wrote bids for jobs, planned direction, smiled as we maintained profitability.

Renaissance Technologies Corporation

1/1997 - 11/1998

Worked with geniuses as one of 100 employees of the most successful hedge fund on the planet, learned finance, designed powerful systems, developed large software that worked reliably, looked at problems afresh and “solutions” askance.

State University of New York at Stony Brook

8/1994 - 12/1996

Taught FORTRAN and Modula-3, did research, earned myself an Erdős number of 3, wrote software which was algorithmically informed, learned that I was not cut out for the academic life, sought practicality.

Education

State University of New York at Stony Brook ('96)

Master of Science, Computer Science, focus on algorithms.

Vanderbilt University ('94)

Bachelor of Science, Computer Science and Mathematics, *magna cum laude*, attended as sole recipient of the largest academic honor scholarship offered by the University.

Skills

Ruby, Ruby on Rails, Perl, PHP, C, JavaScript, C++, LISP, FORTRAN, Pascal, Modula-3, (little bits of) Erlang, ML, sed, awk, sh, //, CSS, HTML, mocha, TDD, BDD, Agile, XML, AJAX, REST, SOAP, XML-RPC, XSLT, SQL, Postgres, MySQL, Oracle, SQLite, subversion, CVS, Apache, nginx, mongrel, lighttpd, webrick, Emacs, vi, vim, LaTeX, asterisk + AGI, Sendmail, exim, postfix, procmail, fetchmail, BIND, pf, iptables, OpenVPN, Linux (.deb, .rpm, .tgz, etc.), OS X, FreeBSD, OpenBSD, NetBSD, Solaris, AIX, ...

Of Note

- Speaker, 1st annual RailsConf (2006), “Beam Me Up Scotty: Rails for the Enterprise”, with Charles Johnson
- Author, [“Fabricating Arrays of Strings”](#), with Steven Skiena, (in RECOMB '97)
- Member, 1993 World Finalist ACM programming team
- Author/contributor/maintainer, [numerous open source projects](#)
- Numerous presentations, Nashville Linux Users Group
- Founder, Nashville Dynamic Languages Group (nashdl)
- Artist, musician, lover, !fighter