

summary:

Experienced manager and technical lead seeking challenging projects in an innovative environment.

professional experience:



[StudioE9](#)

(2009 - Present)

Design, implement and manage interactive and mobile applications for clients, using .NET and open source technologies. Ensure scalability, reliability and data persistence of solutions. Meet collaboratively with clients and manage schedules, projects, budgets and teams.

Director of Technology / Architect

- Designed, coded and released C# and .NET based applications for Windows Phone 7 platform.
- Designed, implemented and deployed infrastructure and profitable e-commerce system for BlanketAmerica.com and ChooseHaiti.com. Platform scaled for media coverage by Time, CNN, FastCompany, and the Clinton Foundation seen [here](#).
- Architected, built and rolled out (PCI compliant) cloud computing infrastructure, backups, EDI, and version control.



[Target Corporation](#)

(2005 - 2009)

Performed technology strategy formulation, project management, software engineering; led teams onshore and offshore.

Technical Architect

Designed, implemented and deployed reliable infrastructure, web services, and applications, for hundreds of thousands of users, scaling to hundreds of millions transactions per year.

- Led technical teams and overseas partners by deploying new applications, servers, storage, and mobile devices, resulting in \$2 million savings the first year.
- Created several new software inventions, and founded a company-wide "Innovation Network" to attract and retain talent and obtain company patents.
- Received six leadership awards, and dozens of client satisfaction certificates.



[Cisco Systems](#)

(2000 - 2005)

Managed, from design to shipment, critical software development for Cisco's premier product (their Internet Core Router CRS-1) in a large-scale, distributed, certified development environment. Responsible for the #1 attribute across the system: high availability. Ambitious billion-dollar project successfully completed with the shipment of the world's highest capacity Internet core router (to this day), featured in the Guinness Book of World Records.

Manager of Software Development

- Managed the design, development, testing of multiple projects to quickly ship first-in-the-industry features.
- Interviewed, hired and managed several new teams resulting in the creation, growth and retention of excellence and top talent.

- Communicated effectively and exceeded process requirements by delivering requirements documents, functional specifications, architecture, and design documents – providing a consistent roadmap and accountability for multi-year projects.
- Facilitating design and team meetings to accelerate design/development cycles. Traveled internationally for collaboration with distributed teams and marketing.
- Wrote shipping source code that is running in core routers and orbiting satellites.



Metro-Trak

(1998 - 2000)

Launched a new company that invented innovative wireless locating and communication hardware and software for tracking medical, safety and transportation customers via web.

Director of Software Development

- Completed a pilot project that resulted in unique cooperative multi-million dollar public-private partnerships with government entities.
- Managed design, prototyping, development, testing of new wireless locating applications to successfully track people and provide public safety.



Dayton-Hudson Corporation

(1996 - 1998)

Drove change and served clients as project consultant and analyst for teams developing web applications, resulting in the successful deployment of applications across this large company and its hundreds of retail stores.

Senior Consultant

- Designed, implemented and deployed new applications to hundreds of stores nationwide with no system downtime, resulting in receiving multiple company awards such as the “Super Stability Award” and “Best Teamwork”.



Uniplex Corporation

(1991 - 1996)

Developed state-of-the-art wireless telecommunications applications.

Software Artiste

- Designed, developed and deployed windows-based software providing cutting-edge mapping and tracking systems via working closely with hardware and RF engineers.
- Performed international travel for successful deployment, testing, and marketing.



ETA Super Computer Systems

(1987 - 1989)

Software Engineer

Implemented data compression schemes for satellite communications. Wrote service software for the world class ETA10 supercomputer.

technical experience:

C, C#, C++, Java, ASP.net, php, .NET Framework, Windows Phone 7 (WP7), Flex/Actionscript, Drupal, Ubercart, UNIX/Linux, open source technologies, Cloud Computing (AWS, EBS, AMI), SQL Server, MySQL, MOSS (Sharepoint) Technologies, SAN, evolutionary and genetic algorithms, Learning Management Systems (LMS), web services, project management tools (Niku, Clarity, MS Project), reliability and scalability engineering, UML, EMC Documentum, e-learning technologies, Unity 3D, iPhone Objective-C, Agile Development, GPU programming, embedded programming.

education and professional development:

- Masters of Science in Software Engineering (MSSE).
University of Minnesota (ongoing), 4.0 GPA.
- Ongoing member of Toastmasters International.
- National Merit Scholar.

community involvement:

- Habitat for Humanity and Hope for the City.
- Contributor to open source community projects.
- Art technical consultant (with ongoing exhibitions in New York and Paris).