

Marc Johnson

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summary:

Marc is a senior software professional that specializes in technical leadership and project delivery. His primary areas of experience are web-based systems, corporate enterprise systems and commercial software. He has worked for a variety of clients from a diverse set of business domains including telecommunications, retail, software and manufacturing. Marc has a Masters of Science degree in Software Engineering.

skills:

| | | |
|-----------------------------------|--------------------------|-------------------------|
| Agile Methods | Web Applications | Testing |
| Technical Estimation | Distributed Applications | Reliability Engineering |
| Application Architecture & Design | Integration | Mobile Development |

professional experience:



[StudioE9](#)

3/09 - Present

Design, implement and deploy applications for fortune-50 clients including Google, Chipotle and Pepsi. Ensure quality, scalability and data persistence of solutions. Meet collaboratively with clients and design technical solutions; implement; manage schedules, projects, teams.

Director of Technology / Developer

- For Google's WeSolveForX.com project designed solution (utilizing Java, GAE, Javascript) and managed cross-functional team of development and test resources.
- Led development of mobile applications for Android (Java), iPhone (Objective-C) and Windows Phone 7 (C# and .NET).
- Designed, implemented and deployed infrastructure and profitable e-commerce systems for clients. Platform scaled for media coverage by Time, CNN, FastCompany, and the Clinton Foundation.
- Architected, built and rolled out (PCI compliant) cloud computing infrastructure, distributed backups, directory services integration, EDI, and version control.



[Target Corporation](#)

3/05 - 2/09

Performed technology strategy formulation, project management, quality 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 deploying applications, servers, storage, mobile devices, backups, directory services integration; 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

4/00 – 3/05

Contributed to, 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: reliability and 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.
- Wrote shipping source code that is running in core routers and orbiting satellites.
- Delivered requirements, 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.
- Interviewed, hired and managed team members.
- Traveled domestically and internationally for collaboration with distributed teams and marketing.



Metro-Trak

4/98 – 4/00

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

2/96 – 4/98

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

6/91 – 1/96

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

Software Engineer

- 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.

technical experience:

C, C#, C++, Java, php, .NET Framework, Javascript, Android, iPhone, Objective-C, Windows Phone, Drupal, Groovy, Grails, Cloud Computing (AWS, EBS, AMI), Directory Services, Active Directory, SQL Server, mySQL, Evolutionary and Genetic Algorithms, Web Services, ReST, UML, Open Source Technologies, Shell Scripting, UNIX/Linux, OSX (Mac), Windows.

education and professional development:

- **University of Minnesota, Masters of Science**
Masters of Science in Software Engineering, May 2012
GPA: 4.0
- National Merit Scholar.

community involvement:

- Contributor to open source community projects.
AutoAP project is in top ten most downloaded open source according to SourceForge (129 million downloads).