

V. JACK NYE

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SUMMARY

A proven leader with over a decade of experience designing, building, and delivering software products in a variety of environments. Currently serving as Principal Architect in a mid-size, publicly-traded web software company. Expertise in Software Development Life Cycle design, Software as a Service (SaaS) technologies, management of developers and agile execution of projects.

EXPERIENCE

ATHENAHEALTH INC, Watertown Massachusetts

Athenahealth provides internet-based business services to over 20,000 medical providers in 40 states. It posted \$3.7 billion in collections for clients in 2008.

Principal Architect, 2008 to present

- Responsible for product planning, resourcing, architecture, and execution for three products: a revenue-management product, web-based EMR, and patient communication service. Technologies include perl, php, dhtml, javascript, Oracle, mySQL, and Asterisk.
- Contributed to \$7.7 million acquisition of MedicalMessaging.net, including due diligence, hardware migration, product integration, and management of remote development resources.
- Managed a department of 80+ stateside developers, plus offshore technical resources. Coordinated with other department heads and executives regarding budgeting and strategy.

Architect, 2005 - 2008

- Contributed to SAS-70 and SOX compliance, budget planning, and auditing for Initial Product Offering described by Boston Globe as "the most successful IPO of the year."
- Developed and managed a Software Development Life Cycle responsible for delivering a major release every four weeks, plus daily incremental changes. Worked with Product Managers and Business Leads to develop an aggressive, agile approach to project development.
- Implemented an internal reporting capability for tracking core metrics leveraging Oracle ETL processes, complete with an html/flash visualization layer.

Lead Developer, 2002-2005

- Developed multiple transaction architectures, including Electronic Remittance Advice, Patient Eligibility, and Claim Acknowledgement.
- Built an interviewing/hiring process for attracting high-caliber developer talent. Over two years, more than doubled the size of the department, with extremely low turnover.

IGNITION TECHNOLOGIES, Boston, Massachusetts

Ignition Technologies was a technology company that designed, developed and deployed web-based software solutions. In 2002, its intellectual property was purchased by Enel of Italy.

Senior Software Engineer, 2001 - 2002

- Created a web-accessible application, using a combination of Java, DHTML, perl, and XML. Responsible for interface and functional design decisions, servlet development, and Oracle database interaction.
- Last US employee of Ignition after sale. Spent two weeks in Italy transitioning platform to Enel

SCHEPENS EYE RESEARCH INSTITUTE, Boston, Massachusetts

Schepens Eye Research Institute is a Harvard-affiliated research lab that fights blindness by developing new technologies, therapies and knowledge to retain and restore vision.

Computer Scientist, 1998 - 2001

- Responsible for modeling feature-based edge detection algorithms in Matlab. Also created graphical user interface for viewing the results of enhancements in both Matlab and Java.
- Implemented GUI allowing for real-time adjustment of parameters during experiments. Image would be rasterized, enhanced, and displayed to subjects via applet.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, Massachusetts

The Sloan School of Management is one of the world's leading business schools. The MIT Media Lab is devoted to research projects at the convergence of multimedia and technology

MIT Sloan School Network Administrator, 1997 - 1998

- Supported large multiple-domain NT network, as well as a network of Unix workstations. Responsibilities included security, software and hardware upgrades, and user administration.
- Created applications in perl and various scripting languages for managing the network.

MIT Media Lab, Interface Design and Implementation, 1997

- Worked on developing ways to make data accessible through everyday physical surfaces and objects. Responsible for designing and building various projects, and for researching possible future data interfaces.
- Final project was featured in Donald A. Norman's *Emotional Design: Why We Love (or Hate) Everyday Things*.

TUNNEL PUBLICATIONS, Houston, Texas

Tunnel Publications was a business-to-business media company and trade-magazine publisher, before being acquired by Penton Media.

Computer Programmer, 1996

- Created application for more efficient publishing of *Trailer/Body Builders* and *Refrigerated Trucking* trade magazines. Implemented quality assurance program and designed user documentation for application.
- Responsible for installation of a new computer network, including consultation on most efficient use of network and applications.

EDUCATION & TRAINING

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge Massachusetts

Bachelor of Science in Computer Science and Engineering

ADVANCED DEVELOPMENT METHODS, INC, Boston, Massachusetts

ScrumMaster Certification