

MICHAEL HENDERSON

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MANAGEMENT: Software Development, Software Application Architect

Award-winning software developer with keen understanding of software systems and practical application to enhance and facilitate business operations. Creative problem solver with superior product development and application design skills. Strong interest in new product development and business intelligence solutions. Exceptional leader with 10 years of demonstrated achievements orchestrating cross-functional departments on a local and international scale. Areas of expertise:

Leadership • Product Development • Application Design
Information Display • Process Improvement • International Application Design • Computer Programming
Identity Management • Product Planning & Development • Team Building • Staff Management • Mentoring
Customer Relations • Database Performance • User Interfaces • Technology Integration
Interpersonal Communications

PROFESSIONAL EXPERIENCE

APTUM, INC., Mountain View, California • 2007

A software start-up company for radiology business intelligence.

Chief Technology Officer

Co-founded company and created all technology infrastructure and architecture for the product. Conducted competitive market analysis and feasibility reports. Provided financial forecasting based on 2- and 5-year budgets. Wrote business, implementation and maintenance plans. Worked with early-adopter customers and venture capital firms to acquire Series A funding.

Operational Highlights:

- Developed the prototype for use in radiology departments.
- Identified and recruited a board of directors.
- Conducted sales presentations and provided technical overviews to prospective customers.
- Devised comprehensive business strategy by analyzing industry initiatives and areas in need of improvement.

EPIC SYSTEMS CORPORATION, Madison, Wisconsin • 1997-2007

Provides clinical and financial healthcare management software. Annual revenue totaling \$120M.

Internationalization Architect (2005-2007)

Devised method for localizing codebase for international customers. Educated Quality Assurance and Technical Services staffs as well as other employees on internationalization best practices. Conducted feasibility research, including time-cost estimates. Reported directly to top-tier executive staff.

Operational Highlights:

- Developed key tools enabling application programmers to internationalize code.

Product Lead (2001-2005)

Spearheaded a new Radiology Information System (RIS), including design, development and delivery. Headed product teams. Conducted sales and support for products. Supervised 7 developers. Wrote progress reports, delivered salary reviews. Resolved team conflict. Worked directly with customers from users to executive staff. Conducted sales presentations and led topical technical discussions. Integrated imaging functionality and speech recognition to streamline Electronic Medical Record (EMR) workflows in coordination with third-party vendors.

EPIC SYSTEMS CORP., continued

Operational Highlights:

- Earned highest user satisfaction rating when product went up at Epic's largest hospital go-live.
- Successfully produced a new product with 7 live sites that is now implemented enterprise- wide.
- Grew division from 1-person to 40 staff members by developing a high quality product to meet market demands.
- Integrated speech recognition and digital imaging systems into the RIS and all clinical products by working on cross-functional teams to improve company products.
- Improved radiology workflow by merging access, clinical, and financial functionality into one application.
- Incorporated DICOM interfaces along with radiology portions of the IHE interoperability specifications.
- Fueled sales and achieved higher customer satisfaction rating by enhancing RIS product offering with specialized mammography, nuclear medicine and interventional radiology modules.

Awards:

- Code Wizard – for modifying the patient duplicate checker to work with any Epic database.
- Red Five Squadron – for superior contributions in a team environment.
- Metropolis Award – for heroic efforts in developing new products.
- Edison-Tulip – for work on the Philips-Epic partnership.

Software Developer (1997-2001)

Designed, coded, and tested client and server functionality. Repaired bugs in the system. Assisted with QA, TS and writers. Resolved customer issues. Provided time and cost estimates for various projects. Mentored new-hire programmers. Served as member of select team to conduct interview phone screenings. Recruited on-site at universities across the Midwest.

Operational Highlights:

- Continually enhanced product features while keeping costs down by serving as sole developer for the first 3 years of the product.
- Wrote the first GUI for the Epic Identity Enterprise Master Patient Index product.
- Streamlined operations by creating mechanisms for patients to have temporary IDs.
- Boosted speed of patient duplicate checking algorithm 100x while simultaneously enhancing accuracy and configurability.
- Improved operations by unifying user logins across applications to benefit all company products.

Awards:

- Leap Tall Buildings - for significant effort and dedication.

COMPUTER LANGUAGES, SOFTWARE AND HARDWARE PACKAGES

PC • Windows • Unix (Sun and HP UX) • Linux (Redhat, Ubuntu)
VB • VB Script • M/Mumps • C#.NET • SQL • MDX • HTML/XHTML • Javascript • CSS • ASP
C • C++ • Java • Perl • Lisp • XML/XSL/XSLT • COM • Win32 • DICOM • HL7 • NLS
InterSystems Caché • MS SQL Server (with SSIS, SSAS, SSRS)
MS Office • MS Visual Studio • Subversion
Epic Identity • Epic Radiant • Epic Clarity • Epic EpicCare • Epic Cadence • Epic Prelude

EDUCATION

Master of Science in Computer Science
University of Wisconsin, Madison, Wisconsin

Bachelor of Science in Computer Science
University of Minnesota – Duluth, Duluth, Minnesota