

Ryszard Kilarski

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Summary	Senior software engineering professional with extensive (15+ years) experience in software development and complex software systems. Skilled with database systems and programming, metadata-based tools and design, and end-user software development. An efficient and skilled software engineer, fast learner, and good communicator with a proven success record in technical problem solving and implementation, and with a user-base of hundreds of clients and thousands of end-users.	
Areas of Expertise	Healthcare billing/scheduling software systems Metadata-based Software (Rules and Tasking engines)	Database Systems Software Tools for Developers
Education	Master of Science, <i>Computer Science</i> , Boston University: 2015 (<i>In Progress</i>). Master of Science, <i>Computer Information Systems</i> , Boston University: May 1999. Bachelor of Arts, <i>Computer Science</i> , Boston University: May 1996. Bachelor of Arts, <i>Mathematics</i> , Boston University: May 1996.	
Professional Experience	<p>Software Architect, 2011-Present, Senior/Principal Software Engineer, 1999-2011. IDX Systems Corporation/GE Healthcare, General Electric Company (as of 1/2006), Development, Boston, MA</p> <ul style="list-style-type: none">— Developed metadata-based rule engine, and part of core team to develop metadata-based tasking system.— Developed new modules, enhanced existing modules, and fixed bugs in all applications (Managed Care, Billing & Accounts Receivables, Scheduling, Tasking, and tools software) and platforms (legacy terminal applications and web-based applications).— Developed complex rule-based and metadata-based tools for all applications (rules engines, filter and customization toolkits, screen layout tools).— Developed specifications, designs, test plans, and documentation (functional and technical) in a team environment with engineers, architects, and QA.— In charge of main development work for the dbms, screen generator, and selector generator applications.— Developed 508/Accessibility support for the software.— Provided training and mentoring for “next generation” tools and languages to other developers.— Worked with development partners on next generation software, alpha and beta testing, and rollout.— Interfaced with upgrade, installation, and support teams as necessary.— Ported legacy Visual Basic 3 source control system to VB6 and Visual Basic.NET used by all developers.— Presented new software and tools in National User’s Conference to end-user clients.— Familiar with Six Sigma, Lean Sigma, and Agile development processes. <p>Software Engineer/Senior Software Engineer, 1997- 1999. IDX Systems Corporation, Client Services, Boston, MA</p> <ul style="list-style-type: none">— Worked as a software engineer in the customer support department.— Handled debugging of released software (written in M(UMPS) and Microsoft Visual Basic) for clients.— Wrote custom routines and customized software to meet client specs.— Traveled to client sites for hands-on engineering and consultation. <p>Systems Administrator, 1996- 1997. Boston University, Office of Student Employment, Boston, MA.</p> <ul style="list-style-type: none">— Functioned as a data trustee, a mainframe departmental systems administrator, a network systems administrator, and supervised two computer programmer assistants.— Developed and managed ad hoc and batch programming jobs.— Implemented Windows solutions in Visual Basic for Applications (Microsoft Excel) and WordBasic (Microsoft Word).— Oversaw the completion and implementation of a new mainframe system for the student job service, a Macintosh application, and Web pages for the department.	
Relevant Course Work	<p>Business Coursework: Administrative Accounting, Decision-Making in Organizations, Operations Management, Organizational Behavior, Project Management.</p> <p>Software Coursework: Algorithms, Client-Server Architecture, Communications and Computer Networks, Complexity and Computability Theory, Computer Architecture, Computer Languages (C, C++, Lisp), Data Structures, Database Systems, Discrete Mathematics, Information Systems Analysis and Design, Local Area Networks, Logic, Mathematics Foundations/Set Theory, Object-Oriented Programming, Operating Systems, Software Engineering, User Interface Design and Methodology.</p>	
Patents	Ferguson, et al. “Data object access system and method using dedicated task object.” Patent 7,818,291. 19 October 2010.	
Technical Skills	<p>Operating Systems: Windows (NT/XP/Vista/7), AIX/UNIX/LINUX, Solaris, MacOS X, VMS.</p> <p>Programming Languages: C, C++, C#, HTML, InterSystems Cache and ObjectScript, Java, JavaScript, M(UMPS), Natural 2, Microsoft Visual Basic.</p>	
Languages	Fluent in Polish and Spanish.	