

# KEVIN J. JARNOT

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## INNOVATIVE TECHNOLOGY LEADER

### Proven Senior Technologist | Focus on Processes & Products

Highly skilled technology executive with a history of managing complex projects, delivering innovative software products, and building strong technical teams. Excellent problem-solving and critical-thinking skills. Enthusiastic, energetic, collaborative, and customer-focused, striving to develop and support products more reliably and cost-effectively.

- Technology Management
- Team Building & Leadership
- Complex Software Development
- Innovative Problem Solving
- Technically Curious
- Results Driven
- FinTech
- MarTech
- Publishing
- eLearning
- Computational Linguistics
- Medical/Clinical Trials

## TECHNICAL SKILLS

Languages/Services: Node.js, Java, C#, Python, JavaScript, SQL, C/C++, Perl, AWS, Azure

Databases: SQL Server, MySQL, MongoDB

Web: HTML/CSS, React, Bootstrap, PHP, Angular, WordPress, Photoshop

Operating Systems: Linux/Unix, MacOS, Windows, iOS

Applications/Tools: Jira, Git, Subversion, Confluence, Jenkins, Datadog, Nagios, Docker, Vagrant, VMWare, J/Unit, Selenium, Salesforce

## PROFESSIONAL EXPERIENCE

**MICRONOTES**, BOSTON, MA

**Chief Technology Officer**

**2018–Present**

Chief Technologist for the AI-driven conversation-marketing startup. Their machine-learning platform enables financial institutions to engage with their digital users via quick, informative conversations—the modern version of in-branch interactions. These engagements help improve user loyalty and provide an effective opportunity for cross-selling financial products and services.

- Redesigned the core platform to use a distributed microservices architecture, providing better scalability and resiliency via Azure.
- Introduced and institutionalized development processes and tools, including Scrum, Jira, Git, CI/CD, and others.
- Successfully deployed the product to several million online banking users at 50+ banks and credit unions.

**DEBTX**, BOSTON, MA

**Chief Technology Officer / Chief Privacy Officer**

**2002–2017**

Led a geographically distributed team of product managers, software and quality engineers, and system administrators in the development and support of DebtX's commercial real estate auction platform, loan sales and syndication SaaS products, and data analytics tools.

- Directed design, architecture, development, and maintenance of multiple software products that were the basis of DebtX's business. These included:
  - DebtX's loan sales auction site, *debtX.com*, which was built using modern Microsoft stack technology, including MVC, ASP.NET, C#, Entity Framework, and SQL Server. It also used Knockout, Bootstrap, Wordpress, and KendoUI.
  - *DXMark* and *DXScore*: back office expert systems for determining price and risk of loans. Technologies included AWS, RabbitMQ, Python, Cassandra, and SQL Server.

- Led a cross-functional team of internal resources and consultants/contractors in a project to completely rewrite the company's core auction/loan sales platform using modern technologies, resulting in a more maintainable, feature-rich, and responsive website.
- Created and instituted processes, procedures, and policies to help guarantee passing intense security and privacy audits from large banks and US government agencies, as well as SSAE 18 audits of internal products.
- Successfully migrated the company from Waterfall development to Agile, and from 100% server-based hosting to private/public hybrid cloud via Rackspace and AWS.
- Implemented TDD, CI/CD, and system monitoring.
- Developed business continuity and disaster recovery plans.
- Performed annual budgeting for all IT purchases and negotiated all IT and outsourcing contracts.

**BD-X, CONCORD, MA****Co-Founder / Chief Technology Officer****2000–2002**

Co-founded this pioneer company to create real-time transcriptions of corporate conference calls following the implementation of the SEC's *Regulation Fair Disclosure* (Reg FD). BD-X transcribed the calls and streamed the text to clients in real time. The transcriptions were later automatically tagged for important sections and key company metrics and guidance. Company was successfully sold to Thomson Reuters/CCBN.

- Managed a distributed team of software engineers and performed hands-on development.
- Created a real-time transcription server that received streaming text transcriptions from closed-captioning companies via the Internet, and then published the text to multiple end points via asynchronous middleware.
- Architected and developed leading-edge software for the automatic tagging and synchronized display of transcribed text.

**PEROT SYSTEMS, CAMBRIDGE, MA****Director of Engineering****1998–2000****System Architect****1997–1998****IDD / DOW JONES, WALTHAM, MA****Manager, Distributed Information Services****1995–1997****Senior Software Engineer****1993–1995****UNIVERSITY OF PENNSYLVANIA LANGUAGE ANALYSIS CENTER, PHILADELPHIA, PA****Lead Programmer****1992–1993****FRONTIER SCIENCE AND TECHNOLOGY RESEARCH FOUNDATION, AMHERST, NY****Programmer****1990–1992****ASSOCIATIONS**Scrum Alliance - *Certified Scrum Master*

Association for Computing Machinery (ACM)

International Association of Privacy Professionals (IAPP)

Mortgage Industry Standards Maintenance Organization (MISMO) - *Co-chair of the MISMO Architecture Group***EDUCATION****UNIVERSITY OF PENNSYLVANIA, Philadelphia, PA**

Work toward Master's Degree in Computer Science

**CANISIUS COLLEGE, Buffalo, NY**

Bachelor of Science, Computer Science