

# Daniel Krook

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Fairfield, CT, USA

## Profile

- Broadly skilled application developer with nine years of professional experience planning, designing, developing and maintaining Web sites.
- Specialized expertise with the LAMP platform (Linux, Apache, MySQL, PHP) and enterprise Java applications (J2EE, servlets, JSP) built on IBM middleware (WebSphere, DB2).
- Application architect responsible for the analysis, design, implementation and deployment lifecycle of numerous enterprise, freelance and hobby Web sites.
- Experienced delivery organization project lead, team lead and project manager.
- Strong communication skills, a background in international studies, dual USA-Finland/EU citizenship, and experience with globally distributed teams in China (on site), India (on site), Brazil and Slovakia, among others.

## Certifications

- IBM Certified IT Specialist / The Open Group Master Certified IT Specialist
- IBM Certified Application Developer (DB2 9) (ICAD)
- IBM Certified Database Associate (DB2 9) (ICDAssoc.)
- Sun Certified Web Component Developer (J2EE 1.4) (SCWCD)
- Zend Certified Engineer (PHP 4) (ZCE)
- Sun Certified Java Programmer (J2SE 1.4) (SCJP)
- Sun Certified System Administrator (Solaris 9) (SCSA)

## Skills

- Development Technologies
  - Client: XHTML, CSS, JavaScript, Ajax
  - Server: PHP (ZCE), Java (SCJP), J2EE/JEE (SCWCD), Groovy
  - Data: XML, XSL, SQL, XQuery, XPath (ICAD)
  - Architecture: UML, Design Patterns, OOAD, EAI, REST
- Development Software
  - Content Management & Versioning: Interwoven TeamSite, CVS, Subversion, MS Visual SourceSafe
  - Relational Database Management: MySQL, IBM DB2 (ICDAssoc., ICAD), Apache Derby
  - Web & Application Servers: Apache HTTP Server / IBM HTTP Server, Apache Tomcat / Geronimo, IBM WebSphere AS, IBM WebSphere sMash
  - Development Frameworks: Spring Framework, Apache Struts, CakePHP, Zend Framework
  - Thick Client Platforms: Eclipse RCP
  - Mobile Platforms: BlackBerry, J2ME/JME
- Operating Systems
  - Mac OS: 8, 9, X
  - Windows: NT, 2000, XP, Vista
  - Solaris: 8, 9 (SCSA), 10
  - Linux: SLES, RHEL, CentOS

## Publications

- "[MySQL to DB2 Conversion Guide](#)." Second edition. *Performed technical review. Contributed [field notes](#)*; IBM Redbooks, October 2009
- "[Up and Running with DB2 on Linux](#)." Second edition. *Performed technical review. Wrote section on using PHP with DB2*; IBM Redbooks, June 2008
- "[Developing PHP Applications for IBM Data Servers](#)." *Author*; IBM Redbooks, May 2006
- "[Recommended PHP reading list](#)." *Author*; IBM developerWorks, March 2006
- "[Pair J2EE with PHP to implement a common Web application infrastructure](#)." *Author*; IBM WebSphere Developer Technical Journal, May 2005

## Experience

- **IBM Corporation**, Armonk, NY; December 2002 to Present
  - *Senior IT Specialist*: Application developer and systems integrator.
    - Lead technical project implementation and perform delivery team project management according to various methodologies.
    - Implement solutions based on industry standards and open source frameworks such as Apache Struts, CakePHP, and the Spring Framework.
    - Analyze, design, develop and support full life-cycle intranet and Internet applications on WebSphere, DB2, Linux and AIX middleware.
    - Project highlights: IBM Investor Relations, SOA-based Personalization on ibm.com.
  - *Advisory IT Specialist*: Application developer for internal and external ibm.com Web sites.
    - Implemented solutions based on industry standards and open source frameworks such as Apache Struts.
    - Analyzed, designed, developed and supported full life-cycle intranet and Internet applications on WebSphere, DB2, Linux and AIX middleware.
    - Project highlights: IBM Press Room, DB2 enablement for an ISV's PHP application.
  - *Application Developer*: Server-side scripter for internal w3.ibm.com Web sites.
    - Maintained and extended Apache, MySQL and PHP (AMP) Web applications.
    - Created XSL templates to transform TeamSite XML data records into XHTML format.
    - Project highlights: Project Tracking Tool.
  - *Web Developer*: Client-side coder for external ibm.com Web sites
    - Edited and debugged W3C and Section 508 compliant XHTML, CSS and JavaScript.
- **Reader's Digest Association**, New York, NY; October 2000 to November 2002
  - *Web Developer*: Hybrid client-side coder and server-side scripter for several Reader's Digest Web sites.
    - Transferred design composites to precise, optimal, cross-platform sites using XHTML, CSS, and JavaScript.
    - Connected reusable templates to back-end logic and data using JHTML, JSP, ASP, and PHP.
    - Consulted on usability trends and accessibility options to match the magazine's target demographic.
    - Project highlights: rd.com Relaunch, ChangeOne, RD Finance.
- **Opus 360 Corporation - FreeAgent.com**, New York, NY; June to October 2000
  - *Web Developer*: Hybrid client-side coder and server-side scripter for FreeAgent.com Web site.
    - Served as primary interface developer and production site publisher for the Expert Advice, Free Agent Voices, and Business Services channels.
    - Architected a scalable solution to the growing site by using ASP-driven templates, optimizing HTML, and developing dynamic navigation elements with shared CSS and JavaScript.
- **Civet Networks Inc.**, Fairfield, CT; March 2000 to Present
  - *Internet Consultant*: Build dynamic, database-enabled Web sites for small to mid-size organizations.
    - Consult on cost-effective solutions to enhance, extend, or maintain clients' online presence.
    - Design and develop standards-based, accessible Web sites on both legacy and new platforms.
    - Project highlights: IEEE Discover, Atlas Holdings, Congoleum.
- **The Federation of American Scientists**, Washington, DC; June to August 1999
  - *Webmaster & Research Intern*: Tracked, analyzed, and published information on US arms sales abroad.
    - Reviewed media and government sources for information on transactions by the United States and US-based defense contractors for the Arms Sales Monitoring Project.
    - Created a templated, clearly structured reference Web site with increased aesthetic appeal, better navigation, and greater potential for scalability.

## Major awards

- IBM Ovation Award: Second Place, IBM CIO Technology and Innovation Situational Applications Contest; 2009
- IBM Bravo Award: 1x2x Dynamic Navigation, ibm.com; 2007
- IBM Bravo Award: Authoring and Publishing, IBM WebSphere Developer Technical Journal; 2005

## Presentations

- "Writing SQL for concurrent use by MySQL and DB2." IBM internal conference presentation, December 2006
- "Creating short, intuitive and search engine friendly URLs with servlet filters." IBM internal conference presentation, December 2005
- Introductions to LAMP, CVS, JUnit, Spring, SOA, REST, BlackBerry. IBM internal team presentations, 2005-2009

## Training

- Enterprise Integration with Spring; July 2009
- Project Management Fundamentals; April 2008
- Core Spring Framework Bootcamp; September 2007
- Mastering Object-Oriented Analysis and Design with UML 2.0; December 2006
- Transition to IBM Rational Application Developer for WebSphere V6; April 2005
- Administration of WebSphere Application Server V5 (Linux); December 2004
- Various classes from Interwoven, ATG, Westlake on TeamSite, Dynamo, JSP, DHTML; 2000-2002

## Education

- Columbia University Interactive; 2001-2003
  - Online coursework
    - Introduction to SQL
    - Introduction to Java
- Trinity College: Hartford, CT; 1995-1999
  - Bachelor of Arts, double major, December 1999
    - International Studies: Comparative Development
    - Political Science: International & Comparative Politics
- University of Cape Town: South Africa; July-November 1998
- Universidad de La Habana: Cuba; June 1998

## Affiliations

- [New York PHP](#); March 2002 to Present
  - Board member and primary logistical support.

## Languages

- Elementary proficiency in German, French and Finnish