

KEITH M CORBETT

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WORK EXPERIENCE

Clozure Associates LLC | Cambridge, MA Feb 2009 - present

Senior Software Engineer

Designing and building custom applications (current) (Objective-C, Common Lisp, MySQL, PHP, Joomla, Linux, iOS)

On contract to ITA Software (2009) – Extending large-scale Web-based application (Common Lisp, Oracle, XML, Linux)

Data Synapse | Cambridge, MA Sep 2008 – Dec 2008

Senior Software Engineer

Enhancements to development infrastructure - release engineering and tools (Linux)

VeriSign (m-Qube division) (now Mobile Messenger) | Watertown, MA Nov 2004 – Sep 2008

Senior Software Engineer and Manager of Database Technologies

Brought into startup environment to build EDW (enterprise data warehouse) and reporting applications.

Applications were mission-critical for VeriSign staff – executives, account managers, Operations – as well as carrier partners and clients. Mobile messaging division relies on EDW reports to bill clients for major revenue stream.

Managed team of software engineers responsible for data warehouse and reporting applications. I hired and nurtured a team of developers and coordinated planning and release activities with QA, Operations, and Marketing.

Designed and created a functional, scalable, data warehouse. We improved ETL performance and data quality with a custom meta-data driven solution. We enhanced the data model to support reporting and analytics. (Java, Oracle PL/SQL, Linux)

Designed and built a custom Web-based reporting portal. Supports *ad hoc* queries against high-volume operational data store and datamarts. Features include batch publishing, dashboards, and drill-down to hierarchical views and transaction details. (Java, Crystal Reports, Oracle, Linux)

SPSS (net.Genesis division) | Cambridge, MA 1998 - 2004

Senior Software Engineer and Team Lead

Led team of developers responsible for designing and building Web-based reporting, administration, and workflow.

We revitalized the product by integrating MicroStrategy into Net.Analysis workflow and reporting. (C++, VB, IIS)

Enabled customization Web-based reporting and analysis. My innovative design for an extensible process control engine enabled significant professional services revenues. (C++, Perl, Windows, Unix)

Bitstream (Archetype division) | Cambridge, MA 1997 - 1998

Software Engineer and Director of PageFlex Development

Designed and implemented PageFlex XML formatting application. I built the prototype end-user / out-of-the-box application based on the Archetype engine. (VB, XML, Windows)

Harlequin Ltd. | Cambridge, MA 1995 - 1997

Software Engineer and Group Manager of Web Products

Managed 8 software engineers developing products for Web-based publishing (WebMaker) and printing (WebPrinter).

Globally distributed team in San Francisco, Cambridge MA, Scotland, and England. (Common Lisp, Dylan, Unix, Windows)

Special Form Software | Swampscott, MA 1993 - 1995

Software Engineer and Independent Consultant

Designed and built hypertext, database publishing, and active document applications. (VB, Interleaf, Perl, Unix, Windows)

Interleaf | Waltham, MA 1988 - 1993

Technical Evangelist and Product Marketing Manager (1992 – 1993)

Created product strategy and rollout programs for active document technologies.

Manager of Developer Support (1990 – 1992)

Managed team responsible for back-line technical support and development of application prototypes.

Software Engineer

Member of R&D team responsible for embedded Lisp SDK and layered publishing applications.

Special Assistant to V.P. of Operations (1988 - 1990)

Managed cross-functional integration and new development projects as technical liaison among operational groups.

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Lisp Machines (LMI) | Andover, MA

Manager of Software Support | Lambda / Common Lisp, UNIX / C
Managed a team of technical support and sustaining engineers.

1985 - 1988

EDUCATION

UMass Lowell

Computer Science | Undergraduate and graduate courses

Princeton University

English Literature | B.A. and certificate in American Studies with honors

TECHNICAL SKILLS

Reporting and analytics | Crystal Reports / Business Objects, MicroStrategy
Database | Oracle, JDBC, MySQL, RogueWave, SQL Server, ODBC, DB2, Sybase, Informix
Programming languages | Common Lisp, Objective-C, C/C++, Java/J2EE, PHP, Perl5, Visual Basic
Generalized markup | XML, SGML, DSSSL, SP/Jade | DOM, SAX, XSL, XPath, XSLT
Web content | HTML, XHTML, CSS, JavaScript, JSP
Application servers | Joomla, JBoss, Apache/Tomcat, IIS (ASP), Vignette

TRAINING

NIH SBIR/STTR workshop	2010
Crystal Reports II, III	2008
Java/J2EE	2005
I18N / L10N	2004
Vignette StoryServer	2003
SGML / DSSSL	1998

EXTERNAL AFFILIATIONS

International Lisp Conference (ILC) Program Committee	2010
World Wide Web Consortium (W3C) Charter member, SGML Working Group XML 1.0, XSL 1.0	1996 - 1998
Fourth International World Wide Web Conference (WWW4) Presenter "SGML Tools for Web Developers" tutorial – 100+ attendees	1995
IETF HTML discussion group HTML 2.0, Tables	1993 - 1995