

**Klaus Berkling**  
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209.910.5443

## Web Application Developer

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Experienced web application developer of internal and public facing solutions with broad knowledge of Internet technologies.

- Building responsive specialty and custom database-driven web sites.
- Deployment & development of highly scalable web services.
- Integrating multi-lingual web content, maintaining consistent branding and coherent appearance.
- Managing network infrastructure components such as firewalls, VPN, mail and name servers, web sites, etc. Managing a multitude of systems in remote locations.

## Technical Skills

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- ASP.Net, C#, MVC, HTML, CSS, JavaScript, JQuery, AJAX, JSON, XML, SQL, WebObjects/Java, HTTP, UNIX shell scripting, C/C++, Objective-C, Classic ASP, VBScript.
- Ubuntu (Linux), Microsoft Windows, Mac OS X.
- Visual Studio IDE, Eclipse Java IDE, JIRA, Xcode, Ant, Git, TFS, SVN, Jenkins.
- Microsoft Internet Information Server (IIS), Windows Server, Apache, MySQL, Mac OS X Server, Postfix, Bind (DNS).
- Create/optimize images for web sites using Photoshop-equivalent applications (Pixelmator/Autodesk Graphic).

## Work Experience

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### **Web Application Developer**

**Independent/Freelance 2014-Present**

Development of custom web applications and revitalizing utility Apple OS X and iOS applications:

- Custom web application for team member management for Sports and corporate organizations (under development).
- Email migration utility allowing large mailbox migration of off-line or IMAP mailboxes.
- Email spam reporting utility integrated with SpamCop.
- BART fare calculator with geo-fencing and notifications for iOS.

### **Senior Web Developer**

**Petz Enterprises: 2014 – 2016**

Privately held software company specializing in consumer tax preparation software and other financial products.

- Significantly improving maintainability, permitting future growth of 10-year legacy applications by migrating to modern OOP and MVC architecture pattern.
- Maintaining same legacy applications code in production.
- Configuration of IIS Windows 2012 web servers.

### **Web Application Developer & Systems Administrator**

**DynEd International, Inc.: 2002 – 2014**

DynEd is a multi-national software company producing English-as-a-Second-Language software applications for K-12 and professional English learners.

- Corporate web site design and development integrating web applications and multi-lingual content.
- Create WebObjects applications such as events calendar, on-line documentation repository, Q&A database (multi-lingual), product registration, site search engine and server status dashboard.
- Instrumental in DynEd's development and deployment of the company's flag-ship records-keeping web application.
- World-wide installation consists of servers in China, Mongolia, Vietnam, Turkey and the United States.
- Maintain all Internet services such as web, FTP, VPN, DNS, POP/IMAP and SMTP servers.

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Work Experience (Cont.)

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**Software Test Engineer**

**Microsoft: 1998 – 2001**

Microsoft is a large technology company developing computer software and consumer electronics.

- Took initiative to create web accessible test case database.
- First to established web based multi-lingual support documents for other testers.
- A major accomplishment and new to the organization was the creation of a web application showing release progress based on completed test cases.
- Additional tasks include testing of Microsoft Systems Management Server 2.0. Functionality and foreign language testing. Testing on all major editions of Windows.

(First two years contract, became full-time Microsoft employee in Feb. 2000.)

**System Administrator**

**Blue World Communications, Inc.: 1997 – 1998**

Blue World was a small software company primarily producing gateway tools between database applications such as FileMaker and web servers.

- Administration of LAN & Internet connectivity.
- Maintenance of several virtual web sites, mail and FTP servers, plus office workstations.
- Maintenance of mailing lists in excess of 2500 subscribers.
- UNIX administration.

Education

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**Bachelor of Science in Information Studies & Technology**

**Syracuse University**

- The School of Information Studies concentrates on teaching a mixture of business as well as technical aspects of information management.

Miscellaneous

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- Fluent in German
- Technical writing example at <http://berkling.us/store/deploymentguide/>