

# Rick Root

Senior Coldfusion Developer  
Coldfusion / Flash / AJAX / PHP / Perl

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## SUMMARY

- Self-motified development professional with 9 years of coldfusion programming experience, excellent SQL and database skills in a variety of databases, and server administration skills, both windows and Linux/UNIX.

## EDUCATION

- Bachelor of Science in Printing. Western Michigan University  
Degree awarded in April, 1995

## CONFERENCES & TRAINING

- CFUN/CFUnited Conference (6/2004, 6/2005, 6/2006)  
*CFUnited is the largest coldfusion-specific user conference in the world, and drew over 1,000 attendees in 2006.*
- Project Management Fundamentals (6/2006)
- Macromedia MAX Conference (11/2003 and 11/2004)
- Development Rich Internet Applications with Flash MX 2004 (11/2003)
- Oracle Performance Tuning (6/2003)
- Allaire Cold Fusion Developer's Conference (10/1999 and 10/2000)
- Programming a Database with SQL 2000 (2001)
- SQL Server 7.0 System Administration (1999)
- Fundamentals of Visual Basic Programming (1996)
- Advanced Visual Basic Programming (1996)

## EXPERIENCE

- **Duke University - Alumni & Development Systems**

8/02 - present  
*Sr. IT Analyst*

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Numerous responsibilities including developing and maintaining tools for use by Duke staff and by external users (alumni & donors) primarily using Coldfusion. Most applications are backed by Coldfusion CFCs which access data in Microsoft SQL Server 2000 and IBM DB2 on OS/390. The front-ends of these tools are built with either plain HTML, AJAX, and Flash. Additional responsibilities include setup and maintenance of a linux-based server for bulk mailing (using Qmail) and Secure FTP. Migrated from Oracle 9i to SQL Server 2000 in 2004. Also responsible for automating processes to integrate our data with third party applications using Perl.

See [www.it.dev.duke.edu](http://www.it.dev.duke.edu). Please note that most tools are access restricted, but I can provide in-person demonstrations.

- **Sapphire Technologies / Progress Energy**

5/01 - 12/01  
*Intranet Developer*

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Duties: Developing and maintaining an intranet site for the IT Operations group using Coldfusion, Perl, and HTML. The primary database for this project is SQL Server 7, but several Oracle databases are used as well for personnel information and for Remedy information (assets, changes, problems, outages, and batch abends). Much data is also being harvested automatically using a combination of perl scripts, including information about backups (Tivoli/ADSM and Veritas Netbackup), information about servers (software and service information), and other relevant data. The site is heavily relied on by most of the I/T Operations group (about 50 users) and people in many other areas of the company. Progress Energy is a Fortune 250 company.

- **KOZ.com, Inc.**

3/99 - 4/01  
*Web Developer / Application Engineer*

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Duties: Building a variety of applications to help solve internal and external customers problems, using Cold Fusion and Perl languages accessing MySQL and Informix 9 databases. Also involved with web site layout, graphic design, working with customers on support issues, and helping them to use the KOZ community publishing technology. This job included some sales support as well, being involved on sales calls and even some travelling. KOZ went bankrupt in April, 2001.

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- **Micromass Communications, Inc.**

5/98 - 3/99

*Web Developer*

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Primary job role involves building database driven web applications using HTML, Javascript, Cold Fusion, Microsoft Access, and Oracle on Windows NT and Solaris-based systems. Gained some knowledge of ASP technology as well. Also made use of MicroMass' custom personalization technology.

Secondary duties involve setting up Sparc and Intel-based servers, installing and configuring operating system software (Solaris 2.5.1, Solaris 2.6, Windows NT 4.0), installing and configuring database software (Oracle 7.3.4, Oracle 8, Microsoft SQL Server 6.5 and 7.0), installing and configuring web-server software (Netscape Enterprise Server 3.5.1, Sun Java Web Server 1.0, IIS 4.0, Apache Web Server), and other software installations as required.

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- **Sites & Sounds, Inc.**

7/97 - 4/98

*Web Developer*

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Responsible for meeting with clients, discussing requirements, building and deploying web sites using HTML, Perl, and Coldfusion.

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- **ArborText**

3/97 - 10/97

*Software Quality Engineer*

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Trained in SGML authoring, DTD creating and FOSI development. Duties involved creating test document types, test documents and formatting instances (FOSI's) in order to test the 8.0 Release of ArborText's "ADEPT Publisher" software, which is used for SGML document editing and publishing. This testing took place on multiple UNIX platforms and Windows NT. Also involved in other patch-release bug-fix verification.

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- **BookCrafters**

6/94 - 2/97

*Cost Estimator / Application Developer*

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Responsible for creating a database driven estimating system using various available tools. This included Visual Basic 4.0, SQL, ODBC, Microsoft Access, and Oracle. Worked with sales personnel to develop requirements and specifications. Internally trained in relational database development.

Initially hired as a cost estimator, responsible for taking book specifications from sales personnel and determine production costs and selling price.

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- **Miscellaneous Freelance Work**

ongoing

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Over the course of the last 10 years, I've done numerous freelance projects, and worked heavily in both Coldfusion and PHP. Developed and deployed a site management tool in CFML, and converted it to PHP for several clients as well. Built an ecommerce site for a small record label in Chicago in 1997 which sold over a thousand products and grossed \$40,000 a month in sales by 2001 (when I stopped maintaining it for them). Recently used Coldfusion to product sales reports in Excel format from XML log files for a major pharmaceutical company located in the Triangle. I also maintain a dedicated Linux server for hosting, and maintain another Linux mail server for one client.

In addition to paying freelance work, I also an a habitual open source developer, building numerous popular Open Source projects in Coldfusion including a powerful file manager, an image manipulation component (which integrates java image classes), a blog application, a message board application, and an AJAX-powered chat application.

For more information about my open source projects, visit [opensourcecf.com](http://opensourcecf.com).

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## References

*Available upon request.*