

# Charles Weddle

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## Software Technologist

Systems Analyst | Software Developer | Software Consultant

Software application analyst, developer, problem solver and team leader with experience in all parts of the software development life cycle. Instrumental in applying software solutions in the financial, electronic retail, education and life sciences market spaces. Possesses understanding of the intricacy of interfacing applications in a complicated enterprise software landscape. Published research on power aware RAID technology.

- **Software Applications**

*Experience with analysis, development, deployment, and/or support of these applications;*

Model N	Kuali Enterprise Workflow	AmericanGreetings.com
Key2You\$ Internet Banking	KeyCounseor Retail Banking	KeyExpress Information Retrieval

- **Technology Highlights;** Java, C++, C, Python, Oracle, PL/SQL, SQL, XML, RAID

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## Professional Experience

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### **MODEL N, Redwood City, CA**

2001 to 2003 and 2007 to Present

Model N is an independent software vendor specializing in revenue management software for life sciences and high tech companies.

#### *Principal Consultant*

- Technologies used; Java, Oracle, Model N Platform, IBM WebSphere
- My responsibilities include leading technical teams on customer engagements deploying and supporting the Model N revenue management solution. I'm responsible for working with the customer on initial deployments, providing software enhancements, and providing software updates to resolve application support issues.

### **INDIANA UNIVERSITY FOUNDATION, Bloomington, IN**

2007

The Indiana University Foundation is responsible for alumni development for Indiana University.

#### *Systems Analyst*

- Technologies used; Java, Spring, Apache OJB, Apache (HTTP/Tomcat), Oracle
- My responsibilities included implementing web enabled office productivity solutions for the Indiana University Foundation using the Kuali Enterprise Workflow (KEW). KEW is a software framework built by a community of participating universities to provide a robust yet inexpensive solution to meet the workflow needs of a major university.

### **AMERICANGREETINGS.COM, Cleveland, OH**

2000 to 2001

AmericanGreetings.com is an electronic greeting card web property owned and operated by American Greetings Corp.

#### *Senior Developer*

- Technologies used; C, Python, Netscape Enterprise Server, Sybase, Oracle, IRIX
- My responsibilities included providing technical direction regarding web application design and implementation. I was also responsible for designing and developing core web application components.

**KEY BANK**, Cleveland, OH

1994 to 2000

Key Bank is a national bank and financial service provider.

*Senior Systems Analyst*

- *Key2Your\$ Internet Banking System* Technologies used; Java, NetDynamics, Oracle. My responsibilities included design and development of Key2Your\$ new functionality and enhancements. This included object-oriented design, Java, and web based application development. Key2Your\$ provides Key Bank commercial and retail banking customers with the power to perform banking activities via the Internet.
- *KeyCounselor Retail Banking Sales System* Technologies used; Microsoft Visual C++, Microsoft MFC, TSS3. My responsibilities included analysis, design, and development of Key Counselor new functionality and enhancements. This included Microsoft COM application architecture and object-oriented design and development.
- *KeyExpress Account Inquiry System* Technologies used; C, IBM DirectTalk 6000, IBM AIX on IBM RS6000. My responsibilities included design, development, and support of the 1-800-KEY2YOU, Key Express information voice response application.

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Education

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**Master of Science, FLORIDA STATE UNIVERSITY**, Tallahassee, FL

2003 to 2006

- MS in Computer Science. Thesis: *PARAID: The Gear-Shifting Power-Aware RAID*
- Research published in ACM's Transactions on Storage as "PARAID: The Gear-Shifting Power-Aware RAID".
- Technologies used; C, Python, Linux, RAID, OS Kernel Programming, Apache HTTP Server

**Bachelor of Science, MIAMI UNIVERSITY**, Oxford, OH

1990 to 1994

- BS in Applied Science, Systems Analysis