

## Skills

- Development of complex Java GUI applications
- Java security including implementations of RSA
- Java remote protocols including RMI and RMI/IIOP
- HTTP 1.0 and 1.1 server architecture
- J2EE technologies including EJB, JSP, servlets, and application clients
- Parser and compiler generation
- Object-oriented programming
- Workflow and process application design and development aimed at improving corporate core competencies
- Corporate business to business extranet design intended to improved business to business communication
- Engagement management and technical leadership for projects in the \$30,000 to \$1,000,000 range
- Medium size robust LAN design and implementation
- Cryptographic encryption and digital signature protocol implementation using PGP, RSA, DES, SSL, and MD5

## Professional Experience

**SilverStream Software, Inc.**, Billerica, MA

Sep 99-Present

### *Principal Engineer*

- A leader on the team that created the SilverStream Development Workbench a Java based integrated development environment aimed at the creation of J2EE applications.
  - Created the Krypton editor, the text editor used for editing JSPs, XML, and Java files.
  - Created the semantic interpretation layer in conjunction with our Java and JSP parsers.
- Created the SilverStream JSP Editor (found at <http://devcenter.silverstream.com>).
- Part of the team that created the SilverStream Application Designer.
- Aided in the creation of the SilverStream J2EE Application Server.
- Ported the SilverStream Application Designer to the Linux operating system.
- Created the Rational ClearCase driver for SilverStream.

**SilverStream Software, Inc.**, Billerica, MA

Nov 98-Sep 99

*Consulting Engineer* – As the third member of the services division, I helped grow the organization to over 150 employees. Created standards and best practices for the services organization. Worked as the account manager and lead architect on successful projects with companies such as: 3M, AAA, Hewlett Packard, JP Morgan, Nortel Networks, The State of North Dakota and The United States Navy.

**Radnet, Inc.**, Cambridge, MA

Nov 97-Nov 98

*Consultant* - Technical lead for two month to two year intranet and extranet projects using Java and Webshare, and running on Sybase SQL Anywhere, Informix, MS SQL Server, and Oracle. Designed and implemented corporate standards for engagement management including project management, issue management, team management, and an extranet component allowing collaboration between Radnet and its customers. Pre-sales prototype, presentation, and engagement authorization production.

**Radnet, Inc.**, Cambridge, MA

Feb 97-Nov 97

*Information Systems Engineer* - Designed and built Radnet's LAN and WAN architecture including organization of three corporate moves, connection to remote offices in Texas, New York, and California, and remote access solutions. Configured servers, hubs, routers, firewalls, and modem pools. Rollout of enterprise wide messaging, scheduling, and contact management. Creation of extranet and intranet. Creation and maintenance of WINS, DHCP, DNS, FTP, HTTP, SMTP, POP3, file, database, application, and development servers. Creation of Japanese, Chinese, NT and Unix development environments. Rollout of enterprise backup solutions.

**Fulcrum Networks**, Marblehead, MA

1996-1997

*President and Cofounder* - Created company including sales and marketing strategy, business strategy, legal agreements, and financial practices. Created two major sites generating over 1,000,000 unique hits per year, visitors from over 80 countries, and increasing sales by over 250 percent.

**Mycoff Advertising Inc., Salem, MA** 1996-1997

*Interactive Marketing Consultant* - Designed and implemented on-line marketing strategies for Mycoff and their clients. Trained staff in HTML, Internet marketing, and adaptation of graphics for the world wide web.

Creation of Mycoff's internet presence. (<http://www.mycoff.com>)

**The Internet Edge, Marblehead, MA** 1994-1996

*Founder and Sole Proprietor* -- Provided a comprehensive program to help advertising agencies and other companies use in-house resources and expertise to develop an Internet presence for themselves and their clients. Lectured and gave workshops on the use of Internet tools and research strategies. Created of The Internet Edge Tutorial, an interactive marketing and web site designs manual.

### **Certifications**

- Microsoft Certified Professional
- Certified Lucent Technician

**References available upon request**