

# Robert Bushman

1123 East Orchid Lane  
Phoenix, AZ 85020

Cell: (602) 502 1966  
Email: robert.bushman@acm.org

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## Target Job

**Position:** Technical Lead  
**Job Type:** Contract or Permanent  
**Target Rate:** Negotiable  
**Availability:** Two Weeks, Negotiable

## Expertise

Object oriented architecture, design, and development in Java.  
Extensive experience with Swing, Web, SOA, JDBC, and SQL.  
Quality control via automated build, deployment, and unit testing.  
Currently researching, developing, and deploying SOA services.

## Experience

4/2001 - Present      Apollo Group, Inc.      Phoenix, AZ

### Senior Software Engineer

Research, develop, and deploy SOA services for the IT systems of a rapidly growing enterprise as part of the 5 person SOA R&D team. The system currently handles 1,500,000 requests per day from two nodes with an average response time of two hundred milliseconds (within our server - not counting network time). Also handling SOA server standards, development server administration, source code repository administration, and automated build, test, and deployment.

Prior duties in both R&D and production departments has included Swing, Servlets, EJB, POJO, automated build, test, and deployment, SQL, database packages, development server administration, and code repository administration.

System: JBoss, Linux, Oracle, Solaris, ActiveDirectory, Windows 2003.

8/2000 - 12/2000      The Deal, LLC      New York, NY

### Architect, Technical Lead

Designed a three-tier system for storing and retrieving mergers and acquisitions data for web publication.

Performed architecture, design, and development including XML/XSLT web and PDF publication, and Java CORBA middleware. Assisted in design of the database schema. Administered Netscape Application Server. Handled use case analysis and design review presentations.

System: Win NT, Oracle, CORBA, Java, XML, XSLT

4/2000 - 8/2000 Deniro, Inc. Seattle, WA

Senior Programmer

Developed an EJB based scheduling application accessible via WAP devices and web browsers. Implementation included J2EE-RI testing, WebLogic deployment and Oracle persistence. Development included adaptation to rapidly changing customer requirements.

System: Solaris, Win NT, Oracle, WebLogic, XML, XSLT

8/1999 - 4/2000 AppNet, Inc. New York, NY

Programmer

Wrote Java, Perl and C software that tracked banner ad usage. Data was recorded to an Oracle database. Reports were generated via a custom HTML reporting interface. Development included simultaneous maintenance of a legacy system in Perl and development of replacement components in Java and C.

System: Solaris, Oracle, Perl, C, Java, HTML

10/1996 - 8/1999 Micro Trends, Inc. Cleveland, OH

Online Division Founder

Proposed, designed, developed, and deployed an online sales system for a value added reseller of Wintel computer systems. Increased sales by a factor of ten.

System: Cisco, Linux, Win NT, FoxBase, Perl, HTML

**Education**

To Present Apollo Corporate University Phoenix, AZ

Professional development courses in enterprise Java programming, project management, and database design.

To 3/2000 IAM Consulting New York, NY

Professional development courses in enterprise Java programming.

To 8/1998 Cleveland State University Cleveland, OH

Professional development courses in statistics, logic, and economics.

To 6/1996 Cuyahoga Community College Cleveland, OH

Professional development courses in C++ programming and logic.

To 6/1990 University of Cincinnati Cincinnati, OH

University studies majoring in engineering mechanics.

<b>Skills</b>	<p>Java, EJB, Perl, Python, XML, SOA, SOAP</p> <p>FIX (Financial Information eXchange) Protocol</p> <p>Object Oriented Design and Architecture</p> <p>Agile Programming, Refactoring, Unit Testing</p> <p>Automated Build, Automated Testing, Automated Deployment</p> <p>Unix, Linux, Apache, and Source Code Server Administration</p> <p>Linux Desktop Administration</p> <p>Product Research, Evaluation, and Deployment</p>
<b>Open Source</b>	<p>Lumbermill, Log4J GUI: <a href="http://traxel.com/lumbermill">http://traxel.com/lumbermill</a></p> <p>Color Selector, Color Theory GUI: <a href="http://traxel.com/">http://traxel.com/</a></p>
<b>Papers &amp; Presentations</b>	<p>Introduction to Patterns, presented to the Apollo IT department: <a href="http://traxel.com/doc/patterns.pdf">http://traxel.com/doc/patterns.pdf</a></p> <p>The Natural Evolution of MVC in Interactive Applications: <a href="http://traxel.com/color/mvc.pdf">http://traxel.com/color/mvc.pdf</a></p> <p>FIX Protocol: <a href="http://traxel.com/fix/">http://traxel.com/fix/</a></p>
<b>Technical Leadership</b>	<p>At Apollo, introduced formal source code version control, refactoring, unit testing, automated testing, automated builds, automated deployment, wiki-based knowledge gathering, and platform independent Java development.</p>
<b>References</b>	<p>Enthusiastic references available upon request.</p>
<b>Summary</b>	<p>Building systems that create wealth and enhance efficiency, software that gains strength with time, through changing and expanding requirements, is my passion and my profession.</p>