

Jon Bailey
800 PENNSYLVANIA ST APT 1110
DENVER CO 80203-3183
(720)275-3851
Skype: jonbailey.net
Email: resume@jonbailey.net

Position Desired
Software Developer

Professional Experience

Development / software maintenance tools

git (github+bitbucket) / svn / cvs / JIRA / MS TFS, VSS / Bamboo/Jenkins

Microsoft tools

Visual Studio 2005-2013 / Qt 4 (C++) / Win32 Python + Perl

ASP.NET / C# / TFS / Visual SourceSafe / Win admin (NT 4 - 2012r2)

Unix / Oracle / MacOS X / BSD

XCode / Qt 4 (C++) / GCC G++ / GDB / Valgrind / Python / Perl

RHEL+CentOS / SuSE / Debian / Free+OpenBSD / OSX 10.5-9 / VMWare

Intermediate level UNIX System Admin (per USENIX SAGE definition)

SunOS 4-Solaris 10 (10 yrs) SPARC+x86 / Java / Oracle RDBMS / MySQL 5

Apache HTTP server, Tomcat, CouchDB (Erlang)

Cisco

BGP routing (Core, 7000/12000) / Firewalls (PIX/CheckPoint) / 802.1q

Work History / Accomplishments

JonBailey.NET

Consulting

Denver, CO 12/2001 - present

- * Small+medium business planning & troubleshooting
 - Monitoring & management of network + infrastructure devices
 - Windows Server, OS X Server, & Linux assistance

Cloudpic, Inc.

Release Engineer

Cupertino, CA 7/2011 - 10/2013

- * Python / C++ / Erlang development
 - Native OS app development for Win/Mac/Linux cross-platform codebase
 - CouchDB NoSQL data store
 - Atlassian build / dev environment (JIRA, Bamboo)
 - Eclipse (Win/Mac), GNU Toolchain, XCode

Hudson IT

Software Developer

Englewood, CO 12/2010 - 02/2011

- * C# / ASP.NET application maintenance
 - Worked migrating ASP.NET 1.x framework code to modern controls
 - Diagnosed database load issues due to code design
- * MySQL administration / maintenance
 - Documented and executed back-up and roll-out plan for schema changes

IPS MeteoStar

Software Developer

Englewood, CO 02/2009 - 06/2010

- * C++ / Qt application development (Linux & Visual Studio)
 - Interacted with clients to troubleshoot / reproduce failure modes
 - Configured test environments (multiple VMs) to reproduce failures
 - Worked with senior developers to produce useful diagnostic dumps
 - Helped train testers on specific customer-critical use cases
- * Perl development / maintenance
 - Developed "watchdog" tool for sending SNMP alert notifications (traps) if other applications crashed/hung.
 - Self-contained (single .pl / .exe file)
 - Cross platform (Windows/Linux)
 - Parsed XML config files to self-configure on first launch
 - Established RPC link with running applications for monitoring
 - Interfaced with precompiled native libraries on Win32 (SNMP libs)
- * Software configuration / Build management
 - Integrated development VM images for known "clean" builds
 - Packaged win32 builds with InstallShield
- * Legacy system support (IRIX / Solaris)

ClickBank Operations Engineer
 Broomfield, CO 02/2006 - 01/2009

- * Administration of a heterogeneous set of e-commerce servers
- * Administration of Red Hat Enterprise Linux, FreeBSD 4.x/6.x, Windows
- * Administration of Cisco based LAN, WAN, Voice, and VPN technologies
- * Administration of internal MediaWiki, JIRA, LDAP, SecurID ACE servers
- * Internal IT support
- * Administration of high-availability Apache, mod_jk, Tomcat servers

ViaWest Solutions Engineer
 Denver, CO 01/2004 - 01/2006

- * Maintenance / Mangement of regional ISP network (hi-cap circuits)
- * Administration of Red Hat Enterprise Linux systems
- * Administration of Windows 2003 and 2000 servers
- * Telephone support for medium/large customers
- * Coordination with telco on T1, T3, frame-relay issues

Overseas Precision Castings Operations / IS Manager
 Boulder, CO 09/2002 - 06/2003

- * Administration of NetScreen based VPN / firewall / NAT
- * Handled ordering and troubleshooting of T1 data, voice and ISDN lines
- * Set up and maintained Windows/Exchange 2000, File & Print services
- * Set up and deployed Red Hat Linux webserver with Apache 2 and PHP
- * Support Windows XP desktop users across 2 remote offices
- * Custom Access / Visual Basic for Applications development under Office

bConnected Software Network Engineer / Systems Administrator
 Boulder, CO 04/1999 - 12/2001

- * Specified and deployed Cisco Catalyst switched Ethernet backbone
- * Administered Solaris 2.6-8 on Sparc and Intel platforms with VERITAS toolset.
- * Administered Apache with WebLogic Java Enterprise Server
- * Solaris based Checkpoint Firewall-1 VPN / NAT
- * Specified and helped deploy Solaris and Linux server appliances running in-house Java application
- * Set up Lucent Portmaster dial-in server w/ RADIUS (ISDN / Modem pool)
- * Handled ordering and troubleshooting of T1 data, voice and ISDN lines
- * Set up and maintained Windows/Exchange 2000, File & Print services
- * Supported Windows NT 4, Windows 2000 and Macintosh users

MatchLogic, Inc. Network Engineer / Systems Administrator
 Westminster, CO 06/1996 - 04/1999

- * Deployed Cisco PIX Firewall, and access-list based packet filters
- * Systems administration of large scale Sun Solaris servers / EMC storage with VERITAS toolset.
- * Deployed BGP routing between multiple upstream ISPs for failover
- * Specified Westminster facility network wiring infrastructure
- * Deployed FreeBSD UNIX based traffic-monitoring system (MRTG)
- * Set up Lucent Portmaster dial-in server w/ RADIUS (ISDN / Modem pool)
- * Handled ordering and troubleshooting of T1 data lines
- * Set up and maintained Windows NT Exchange, File & Print services
- * Supported Windows NT 4 and Macintosh users

Verio Michigan Customer Support / Network Engineer
 Livonia, MI 02/1994 - 06/1996

- * Administered SGI IRIX based systems running sendmail, bind, radius
- * Administered iPlanet Web Server (Netscape Enterprise Server)
- * Maintained Lucent (Livingston) based ISP backbone
- * Handled ordering and troubleshooting of T1 and T3 data lines
- * Did onsite installation of customers network / firewalls
- * Supported dial-up customers

QVS, Inc. Customer Support
Romulus, MI 01/1993 - 02/1994

- * Specified design change to PC console switching equipment to resolve failure problems. (Keyboard Reset on CA264 series)
- * Supported nationwide customer base of serial & parallel hardware and accessories.

Education

University of Colorado at Boulder
Pursuing an Electrical Engineering curriculum

Henry Ford Community College, Dearborn MI
Two years in the Computer Science curriculum

References available upon request.