

NAME

Aaron Bieber - software engineer

SYNOPSIS

- Software engineer with experience on BSD, POSIX and Linux systems.
- Active contributor to a broad range of Open Source projects.
- Strong focus on robust process automation.
- Deep background in Unix administration, operations and management.

WORK HISTORY

Oracle Corporation (Dec 2013 - Present) - Principal Software Engineer

Software engineer working on large scale identity management applications.

- Produced and maintained various applications in Go and Perl. These applications are currently in use across large sections of Oracle's infrastructure.
- Standardized application life-cycle by introducing Git and Makefile driven builds for all of our projects.
- Consulted with internal security organizations to define best practices regarding OS deployments.

Corona Solutions (Jun 2009 - Dec 2013) - Senior Web Developer

- Full life cycle development of Perl and JavaScript (Node.js) applications used to clean, consolidate, restructure and extend data gathered from CAD (Computer Aided Dispatch) systems used by law enforcement agencies.
- Created a reverse geocoder in Perl using US Census data and spacial data from law enforcement agencies.
- Built new methods for manipulating, storing and cross-referencing large amounts of CAD data using PL/SQL.
- Designed and implemented a method to securely deploy production code to "black box" devices deployed across agencies.

Oracle Corporation (Nov 2005 - Jun 2009) - Senior Unix Administrator

- ⌘ Designed enterprise level infrastructure.
- ⌘ Designed and implemented (Perl) a broad range of tools for security auditing.
- ⌘ Assessed impact of vulnerabilities against large portions of company's infrastructure and gave guidance on mitigation plans.

Colorado Technical University (Oct 2002 - Jul 2005) - Unix /
Windows System Administration

- ⌘ Maintenance of Windows Domain with 3,000+ users.
- ⌘ Integration of Linux with Active Directory.
- ⌘ Managed the imaging of 300+ computers for student labs.
- ⌘ Deployed an open source wireless network saving roughly \$22,000.
- ⌘ Administration of all student and faculty servers (Windows and Unix).

EXAMPLES

- ⌘ OpenBSD developer maintaining various ports including Node.js,
- ⌘ *Node.js*: <https://github.com/nodejs/node/blob/master/AUTHORS> (patches for OpenBSD support),
- ⌘ *pushover-notifications*: <https://www.npmjs.com/package/pushover-notifications>

SEE ALSO

- ⌘ *Github profile*: <https://github.com/qbit>
- ⌘ *Homepage*: <https://deftly.net>

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