

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 a broad range of tools for security auditing (Perl).
- 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 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>

PGP KEY

```
pub rsa4096/0x1F81112D62A9ADCE 2017-01-27 [SC]
    Key fingerprint = 3586 3350 BFEA C101 DB1A 4AF0 1F81 112D 62A9 ADCE
uid      [ultimate] Aaron Bieber <abieber@openbsd.org>
uid      [ultimate] Aaron Bieber <aaron@bolddaemon.com>
uid      [ultimate] Aaron Bieber <deftly@gmail.com>
uid      [ultimate] Aaron Bieber <qbit@deftly.net>
sub rsa4096/0x279160AB1BE1236B 2017-01-27 [S]
```

sub rsa4096/0x20ADADE0DD48B109 2017-01-27 [E]

sub rsa4096/0x4FA951575F92D3E2 2017-01-27 [A]

SIGNIFY KEY

untrusted comment: signify public key

RWRDQVAc3BqKG0C3YdQPzBevFoyqIx1P1pWpYgpi5CbFyseRu8dPNxLm