

SUMMARY OF QUALIFICATIONS

- **C++** – Most recent 3 years, writing distributed microservices in modern C++14
- **Java** – 15 years until 2014, in all frameworks and application types
- **Perl, Python, Bash** – supported production services
- **SQL** – expert: 20 years of advanced SQL. PostgreSQL, BigQuery, Oracle
- **Motivated** by getting something shipped that people use and like.

PROFESSIONAL EXPERIENCE

Cedexis, Inc. – August 2014 - present

Senior Software Engineer. One of three on the platform team, responsible for the maintenance and growth of our internet-scale DNS and HTTP services, nearing 10 billion transactions a day. Drove service decomposition, restructured code sharing, and migrated to modern C++ libraries – all while improving the reliability of a global system deployed in 40 data centers. I learned C++ for this job.

UTi Worldwide – July 2013 - August 2014

Senior Software Engineer. Lead a small team to develop accounting reconciliation software for end-of-month close. Mentored two junior developers.

Jive Software – October 2011 - February 2013

Senior Software Engineer on the architecture team, focused on the underpinnings of the application: login, caching system, clustering, data access, permissions and similar. Lead a redesign and re-implementation of the permissions system.

Tripwire, Inc. – April 2007 - October 2011

Senior Software Engineer. Lead architecture and programming practices at Tripwire. Rewrites of core components for performance, including

algorithm parallelization, network optimization, converting RPC to event system, and lead a team of C++ developers in a rewrite.

Fujitsu America – May 2002 - April 2007

Software Engineer. Designed and implemented software for global website consolidation across all Fujitsu countries. Implemented code review and coding standards, established unit testing and component development.

Consonus, Inc. – July 1996 - April 2002

Lead Developer at Consonus for six years; developed Internet e-commerce applications.

–October 2017–