

David Berton db@actuals.ca +1-416-795-1099 Ontario, Canada <https://actuals.ca>

I lead large technical projects, architect scalable systems, and guide teams through complex challenges to deliver results.

Confidential

Principal Engineer

Building a team to develop the core technology platform for a new reinsurance entity.

NOW 2024 - PRESENT

Remote / Bermuda

dbt Labs

Staff Software Engineer

Senior platform developer and technical lead for dbt Cloud Orchestration. Python, Go, Docker, Kubernetes, AWS, Redis, RabbitMQ, PostgreSQL, Snowflake, bash, Linux, dbt, Django. [dbt Labs](#)

APR 2021 - NOV 2024

Remote / Philadelphia, PA

Hamilton Group

AVP, Senior Software Engineer

Technical lead for the Hamilton Analytics and Risk Platform (HARP). C++, Qt, Python, Flask, Docker swarm, Azure. [Hamilton Group](#)

FEB 2017 - MAR 2021

Remote / Hamilton, Bermuda

Monetate

Architect, Software Engineer

Technical lead on large data processing projects for an online marketing startup. Python, SQLAlchemy, CherryPy, C++, Go, Bash, AngularJS, AWS. [Monetate](#), [Fortune Article](#)

FEB 2014 - JAN 2017

Conshohocken, PA

Rita's Franchise Company

Director of Application Development

Architected and managed internal systems for 600+ franchise locations, hundreds of users, and multiple third-party integrations. C++, Objective-C, Python, SQLAlchemy, CherryPy, ColdFusion.

JAN 2012 - JAN 2014

Trevese, PA

Eventide

Senior Software Engineer

Designed and implemented client applications for Eventide Atlas Series, NexLog Series, and DIR911t recorders. Developed the Eventide Update Utility for the Eventide Stomp Boxes. C++ (gcc on Linux, MSVC++ on Win32, gcc on Mac OS X), Qt, STL, Boost, AWS. [Eventide Communications](#)

JAN 2005 - JAN 2012

Trevese, PA

NEC Laboratories America

Associate Research Staff Member

Designed and implemented the Inquirus V3 metasearch engine. C++ (gcc on Linux), Qt, ACE libraries, Boost, SVM for query optimization/rewriting. [NEC Labs](#)

JAN 2002 - JAN 2005

Princeton, NJ

Trolltech AS

Software Engineer

Designed and implemented the first database module in Qt 3.0. Contributed to the design of the modern qmake utility. C++ (gcc on Linux, MSVC++ on Win32, gcc on OpenBSD), qmake. [Qt SQL](#)

JAN 2000 - JAN 2001

Oslo, Norway

Education

University of Massachusetts / Bachelor of Arts

1995

Amherst, MA