

Detailed Work Experience:

1. Open Source

Duration: 2005 – now

Projects:

i) PostgreSQL RDBMS

Language: C

Role: Contributor

Description: Postgres is the most advanced Open Source RDBMS.

Contributions:

- Found and fixed a Security Vulnerability: <http://bit.ly/1xfwQv0>
- Developed feature to replace the Primary Key index of a table.
- Developed Index Advisor.
- Improved Postgres' interaction with Linux's OOM Killer.
- Developed the \ir command for psql utility.
- Fixed a Windows-only race condition.
- Improve pgbench to support large databases for benchmark tests.
- Various other contributions: <http://bit.ly/1q208OG>
- Postgres-hackers mailing list participation: <http://bit.ly/1oeQaUu>

ii) Speaking Engagements at Conferences

Role: Speaker

- Postgres Open
 - 2015 - Postgres Inside Out
 - 2014 - How Databases Work - For Developers, Accidental DBAs and Managers
 - 2013 - How Postgres is different from (read BETTER than) your database
 - 2011 - Introducing Postgres Enterprise Manager
 - 2011 - Why you should NOT move away from Oracle
 - 2011 - Postgres Plus Cloud Database
- PGCon (Postgres Hackers' annual conference)
 - 2011 - Best practices with Ora2Pg

iii) Other Open Source projects

- Developed DBYardstick - Lightweight TPC-C Benchmark in NodeJS.
 - <http://bit.ly/dbyardstick>
- Developed ZFS File System driver for Docker containers.
 - http://bit.ly/docker_zfs_driver
- Postgres blogs.
 - <http://bit.ly/1uqN8BG>
 - <http://bit.ly/1uqNb09>
 - <http://bit.ly/1tCskcz>