

EXPERIENCE

Developer

Freelance
February 2009–Present

Developed podcast automation system for use by small-market radio stations.

- Proposed, designed, and implemented system for use by small-market radio stations to automate long, manual podcasting processes. Java engine, with PHP front-end.

Senior Software Engineer

Thomson Reuters
November 2013–Present

Responsible for leading development and maintenance of “People Data Warehouse” (PDW) pathway component. Coordinate off-hours support coverage to ensure 24/7 uptime of public records investigation tool - CLEAR - and guarantee that content is loaded within constraints of SLA. Lead standup, grooming, and retrospective meetings in scrum-like team. Ongoing development across entire pathway.

- Prioritized development, provided estimates, led reviews and coordinated releases of multi-billion-row Oracle database, PDW.
- Overhauled PDW release and patch process in preparation for transition to a managed-database model (Flyway).
- Designed and developed custom alerting solution within publishing data mart for use by internal “special services” group. PL/SQL with Java DAO in Spring JDBC.
- Designed and developed database partition-locking mechanism to eliminate simultaneous read/write contention over database-links between data mart nodes.
- Led effort to replace obsolete, XML-based data model across entire pathway. Designed and developed method for standardizing dozens of external sources into a single, simplified JSON model.
- Led simultaneous migration of three components running Oracle V2 Exadata to X5 units. Championed exhaustive stress-testing of new machines, uncovering faulty configuration of one intended for production environment. Coordinated efforts among developers, testers, DBAs, internal customers, and management.

Software Engineer

Thomson Reuters
February 2007–November 2013

Responsible for development, unit tests, and contributing to design and reviews.

- Designed, developed, and provided estimates for several “authority” Oracle databases, with DAOs in Spring JDBC, and Hibernate. Java API, and occasional front-end development.
- Created “brown-bag” educational sessions to offer new developers a primer in basic database concepts.

Developer I

Paychex
June 2005–February 2007

Responsible for development, and unit tests on assigned tasks.

- Development with emphasis in Oracle SQL, and PL/SQL.
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EDUCATION

B.S., Computer Science with honors
Rochester Institute of Technology
2005

TECHNOLOGIES AND TECHNIQUES

Agile/Scrum	Java	Mercurial	SAX Parsing
Crucible	Javascript	MySQL	Spring
CSS	JSON	Oracle Scheduler	Subversion
Eclipse	Jira	Oracle SQL	Toad
Git	Linux	PHP	Unix
Hibernate	macOS	PL/SQL	XML
HTML	Maven	Python	Windows