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## EXPERIENCE

### 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, lead 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

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## TECHNOLOGIES AND TECHNIQUES

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