Riley M. Preslar

SUMMARY

Software development engineer who built AI assistant tools for enterprise configuration migration. Nine years at Workday across student systems and configuration migration, with an accounting degree and a computer science minor.

SKILLS

AI tooling: MCP, agent APIs, and assistant workflows for tenant compare, impact analysis, and configuration scoping
Engineering: Integration web services, bulk data load, tenant configuration migration, automated testing, security remediation
Practices: Scrum, technical design, Jira

EXPERIENCE

Workday Salt Lake City, UT
Software Development Engineer, Configuration Migration Oct 2023 – Present

- Built MCP tools and composite agent APIs that let an AI assistant create configuration-comparison scopes and retrieve tenant-compare status, including runs started from Cursor.
- Added impact-analysis and record-hash tools to that assistant workflow so a configuration change can be scoped, compared, and checked for record equality from an agent.
- Shipped REST APIs for an implementation-metadata agent, including web-service business-process support, and added functional tests for the agent surface.
- Improved tenant-compare accuracy by excluding inherently unique identifiers from comparison hashes, and profiled change tracking at about 9 million transactions in 14 minutes and 15 million in 19 minutes.
- Fixed bulk data loads so batchable imports work without a separate export step, and so the loader sends data in batches instead of one combined request.

Workday Pleasanton, CA
Software Development Engineer, Student Product Nov 2017 – Oct 2023

- Designed transfer-credit evaluation, including preliminary-credit import web services and re-evaluation when a program of study changed.
- Built parent access so families could pay bills and monitor grades.
- Scrum Master for three teams; set reporting practices for student products and mentored new hires.
- Resolved 50+ security violations and limited transfer-credit actions to roles with access to the student record.

Independent Contractor Morgan, UT
Business Technology Consultant Aug 2017 – Nov 2017

- Built an Excel and VBA system that turned work estimates into eight documents, cutting secretarial workload by about 80%.

Ernst & Young LLP New York, NY
Financial Services Audit Intern May 2016 – Aug 2016

- Documented audit procedures and quarterly SEC financial statements for a multibillion-dollar investment bank, and led five interns moving thousands of documents onto a new system.

Sudbury Capital Dallas, TX
Hedge Fund Analyst Intern Jun 2015 – Aug 2015

- Built financial models for 50+ companies and presented buy and sell recommendations.

EDUCATION

Brigham Young University, Marriott School of Management Provo, UT
B.S. Accounting, Minor in Computer Science Aug 2017