



Publishing Jobs Data with CTDL

Publishing linked open data about jobs increases opportunities for people to achieve their learning and career pathway goals spanning education, training, and work.

Using the [Credential Transparency Description Language](#) (CTDL) and the [Credential Registry](#) offers an open standard, transparent, and data-driven approach to bridging the gap between education and work in data ecosystems. It supports informed decision-making, effective skill matching, and collaborative partnerships for the betterment of learners, employers, and the economy.

The Value of Connecting Learning and Working

Using CTDL and the Credential Registry provides key value propositions for improving the connections between learning and work in data ecosystems, such as:

- **Seamless Pathways:** By utilizing CTDL, projects can create clear pathways that connect learners' educational achievements to relevant work opportunities. This promotes smoother transitions from learning to working by providing a structured understanding of how skills gained through education align with specific job roles.
- **Effective Skill Matching:** With CTDL, partners can create detailed profiles of work roles and their associated competencies. This enables more precise matching of individuals' skills and qualifications with the requirements of job positions, leading to better-fitting placements.
- **Enhanced Visibility:** CTDL enables detailed descriptions of credentials, assessments, courses, and learning programs. This transparency enhances the visibility of learning opportunities and their alignment with industry needs, helping learners make informed choices about their education and career paths.
- **Reduced Friction:** CTDL and the Credential Registry reduce friction in the labor market by providing accurate, up-to-date information about credentials and job opportunities. This can result in faster and more efficient hiring processes for employers and a smoother job search experience for candidates.
- **Innovation in Learning:** Projects can leverage CTDL to create innovative learning programs that are directly aligned with the skills needed in the job market. This encourages continuous learning and upskilling, enabling individuals to adapt to evolving industry needs.
- **Economic Development:** By linking learning and working more effectively, people contribute to the overall economic development of a region. A well-aligned workforce can attract investment and encourage economic growth.

The CTDL classes dedicated to describing Work are:

Occupation - Profession, trade, or career field that may involve training and/or a formal qualification.

Job - Set of responsibilities based on work roles within an occupation as defined by an employer. (*Job describes an abstraction or template of which specific job postings or openings could be instances.*)

Work Role - Collection of tasks and competencies that embody a particular function in one or more jobs.

Task - Specific activity, typically related to performing a function or achieving a goal.

To partner with Credential Engine on publishing job data, competencies and skills, and pathways, please connect with us at info@credentialengine.org.