



Solutions Developer

Position Status: Fulltime

Position Location: Flexible in the United States

Reports to: Chief Technology Services Officer

Credential Engine is an equal opportunity employer. Women and people of color are encouraged to apply. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions of the job.

Who We Are

Credential Engine is a non-profit whose mission is to map the credential landscape with clear and consistent information, fueling the creation of resources that empower people to find the pathways that are best for them. www.credentialengine.org

What We Do

Credential Engine provides a suite of web-based services that creates for the first time a centralized Credential Registry to house up-to-date information about all credentials, a common description language to enable credential comparability, and a platform to support customized applications to search and retrieve information about credentials.

Credential Engine currently works with a growing number of states to support their efforts to make essential data about credentials and competencies public, transparent, and linked in order to better serve students, workers, employers, and others. In 2019 Credential Engine formed a partnership with six national organizations to support the development and implementation of policies that will make credential transparency enduring in states: Council of Chief State School Officers, Data Quality Campaign, Education Commission of the States, National Conference of State Legislatures, National Governors Association, and the State Higher Education Executive Officers Association.

Primary Responsibilities:

- Design and develop Credential Engine technologies with distributed team of staff and consultants with an opportunity to be promoted to Associate Solutions Architect and then Senior Solutions Architect.
 - Responsibilities
 - Web and mobile applications design and test-driven development
 - Database maintenance and development
 - API design and development
 - Work directly with customers who are developers or other data specialists to publish and consume data
 - Provide written and verbal guidance
 - Identify technical solutions
 - Participating with RDF Schema design and development
 - Collaborate with internal and external team on long-term scaling solutions
 - Credential and competency data solutions that are Web-based and in the Credential Registry

Qualifications:

- Exemplify flexibility, an ability to work both independently and collaboratively.
- Highly-organized with an attention to detail.
- Ability to prioritize and manage multiple projects.
- Strong oral and written communication skills.
- Ability to manage complex situations and relationships with confidence, confidentiality, and tact.
- Operating style suited to working in a small team environment where teamwork, creativity and flexibility are valued.
- Minimum of three years combined technical education credential and developer experience.
- End-to-end web development including design, construction, updates, and maintenance.
- Microsoft .NET experience.
 - Three years' experience preferred.
- Experience with Tools, Languages, and Technologies:
 - Microsoft .NET MVC
 - C#
 - Angular
 - SQL and/or PostGreSQL Server
 - Web API
 - HTML, CSS, Javascript
 - Github
 - JSON-LD
- Preferred Experience with:
 - RDF/Linked Data
 - AWS Neptune and SPARQL
 - Elastic Indexing
 - Neo4j
 - Browser-based data visualization tools/frameworks

Work Environment and Physical Demands

- Work is primarily performed in an office environment.
- Visual and auditory acuity for extensive use of various forms of technology.

Compensation

A competitive compensation package including salary and benefits is available and is commensurate with experience and qualifications.

Application

To apply for this position, please submit a resume and cover letter to resumes@credentialengine.org with "Solutions Developer" in the subject line.