



Solutions Developer

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

Position Details

Status:	Full-time
Location:	Remote, flexible in the United States
Reports to:	Chief Technology Services Officer

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.

We envision a future where millions of people worldwide have access to information about credentials that opens their eyes to the full range of opportunities for learning, advancement, and meaningful careers. Learn more at 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 rich information about all credentials, a common description language to enable credential description, comparison, and navigation, and a Credential Finder tool to search information housed in the Registry. We also encourage and support the creation of third-party tools and platforms that allow people access to this transparent information about credentials so they can make informed decisions.

Credential Engine's open-source technologies are increasingly recognized to be essential to ensure data interoperability across the web, the value of which is improved transparency, clearer pathways, enhanced navigation and guidance, clearer accountability metrics, and a more efficient marketplace. Credential Engine's work spans:

- Development, provision, and advancement of essential technologies,
- Provision of general and customized technical support for credential issuers, data consumers, administrators, policymakers, and others,
- Policy advocacy and education at the federal, state, institution, and employer levels about the value and role of credential transparency,
- Collaboration with numerous parallel, related, and complementary initiatives to improve the education, training, employment, and learner data ecosystem.

Credential Engine works with a growing number of states and regions to support their efforts to make essential data about credentials and competencies public, transparent, and

linked in order to better serve learners, workers, employers, and others. We partner with national organizations to support the development and implementation of policies that will make credential transparency enduring in states. We also work with a number of national postsecondary education associations that have endorsed credential transparency and our work. And we are exploring opportunities to expand our partnerships internationally.

Why We Do It

Through an increasing array of credentials – such as degrees, licenses, badges, and apprenticeships – job seekers, students, and workers have more options than ever to help them get ahead. Yet, there has never been an efficient way to collect, search, and compare credentials in a way that can be both universally understood and maintained in a manner that keeps up with the speed of change in the 21st century. With nearly 1,000,000 confirmed credentials in the U.S. alone and likely millions worldwide, this lack of information in the marketplace contributes to confusion and uninformed decision making.

Credential Engine provides a suite of publishing tools for converting information into valuable data, a national Credential Registry, and services for states, systems, web applications, and other tools to utilize the Registry data.

Project Focus

This position will be primarily focused on supporting an ongoing Ready Relevant Learning related project with the U.S. Navy. The project aims to design and implement a data model and schema to support linking all technical, professional, and leadership performance and training task data objects. As a result of the data linkage, it provides the client visibility into previous hidden performance/training data to make informed training data-driven budget decisions.

Primary Responsibilities

- Design and develop Credential Engine technologies with a distributed team of staff and consultants with an opportunity to be promoted to Associate Solutions Architect and 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 in RDF Schema design and development
 - Collaborate with internal and external teams on long-term scaling solutions
 - Credential and competency data solutions that are Web-based and in the Credential Registry

Qualifications

- Must be a U.S citizen or be a naturalized citizen of the United States.
- Willing to submit to a background check for a security clearance.

- 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 of experience is preferred.
- Experience with Tools, Languages, and Technologies:

<ul style="list-style-type: none"> ○ Microsoft .NET MVC ○ Visual Studio 2019+ ○ React ○ SQL Server and/or PostgreSQL Server 	<ul style="list-style-type: none"> ○ C# ○ Web API ○ HTML, CSS, Javascript ○ Github
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- Preferred Experience with:
 - Configuring and deploying container based solutions using tools such as Docker
 - Browser-based data visualization tools/frameworks
 - JSON-LD
- Preferred
 - Current Government Security background check
 - Experience working on Department of Defense IT projects

Work Environment and Physical Demands

- Credential Engine is based in Washington, DC with most team members located around the country. Work is performed remotely, generally from home locations, with the same demands as a traditional office environment.
- Visual and auditory acuity for extensive use of various forms of technology.

Compensation

A competitive package including salary and benefits (holidays, PTO, insurance coverage for health, dental, vision, life and disability, and a retirement plan) is available and is commensurate with experience and qualifications. The expected salary range is \$60,000-\$75,000.

Application Process

Please submit a resume and cover letter to resumes@credentialengine.org with "Solutions Developer" in the subject line to apply for this position. **Priority will be given to applications submitted by November 15, 2022, with all applications due by November 30th, 2022.** The position will remain open until filled.