



# Literacy Design Collaborative

**Title:** Back End Software Developer

**Location:** NYC, Denver, or Seattle Preferred to participate in a virtual team

**Job Type:** Direct Hire

**Description:** The Literacy Design Collaborative (LDC) is hiring a Software Developer to scale their web based literacy tools that help teachers develop skills to help their students master literacy skills. In this role, you will be designing and developing cross-enterprise tools and services. You will be responsible for understanding teacher needs and developing tools that help improve literacy instruction primarily in 6th through 12th grade language arts, science and social studies classes.

Our team is looking for a Web Developer with the knowledge and skills to build highly interactive software interfaces and interoperable solutions. You should be a talented and experienced **back-end developer** with expertise in creating APIs for interactive web based applications. You should have a solid background and understanding of best practices in the fundamentals of software development. You should enjoy adding value to a very talented team that includes a designer, developers, expert teachers, and business partners. You should be passionate about building teacher friendly, engaging websites and highly scalable distributed systems.

**Requirements** Basic Qualifications:

- 5+ years of experience as a web developer
- Lifelong learner, deeply analytical and rises to challenges
- Deep experience developing reliable applications with low support costs
- Experience with web technologies such as Ruby and Rails, Heroku, and Postgres
- Experience in integrating web applications using restful APIs
- Solid understanding of software development patterns and methods
- Excellent verbal communication and software documentation skills
- Bachelor's degree in Software Engineering, Computer Science, or equivalent professional experience
- Desire to work in a start-up style environment, where iteration is required
- Genuinely excited about using technology to solve social problems, strong interest in learning about and playing with the latest technologies and building compelling web applications and UIs

Preferred Qualifications:

- 3 or more years of experience using Ruby and Rails
- Knowledge of google drive or other google APIs
- 5 or more years of experience in developing and integrating with Java based enterprise applications
- Proficiency using modern front-end web development technologies and techniques, including JavaScript, AJAX, HTML5, CSS, Responsive Design, web services, etc.

## **Roles and Responsibilities**

### ***Software Planning***

- Collaborates with Software Development Manager and team members to identify key software capabilities that will advance LDC objectives and support teachers.
- Responsive to input and feedback from teachers on software plans and beta versions of software code.
- Works independently or with a user design expert to plan front end software interfaces that will enable teachers to design and instruct LDC modules and mini-tasks in an intuitive and productive manner.
- Helps improve software patterns, methods and architectures used by team members to produce reliable and stable code.

### ***Software Developer***

- Develops code that follows established patterns and methods.
- Releases software to teachers for beta testing without major deficiencies and meets initial design parameters.
- Follows and improves LDC's agile software development approach.
- Supports team members achieve the goals of the sprints.

### ***Software Support***

- Helps establish expected service levels and monitors production environment to meet service level expectations.
- Proactively identifies maintenance improvements that will increase reliability, stability and error handling.
- Identifies software solutions that resolve root-cause problems instead of patching or temporarily resolving issue occurrences.
- Investigates and resolves software issues within the production environment
- Supports software releases into the staging and production environments.
- Supports the devops function that's enabled by the platform as a service.

### ***Partner Support***

- Represents LDC as the technology expert during the design and implementation of connectors and interfaces used to leverage LDC partner and industry solutions.
- Develops and supports connectors and interfaces in the production environment

**How to Apply:**

Please email cover letter and resume to: [jobs@ldc.org](mailto:jobs@ldc.org)

Only candidates who closely fit the qualifications will be contacted for an interview.

Literacy Design Collaborative is an Equal Opportunity Employer