MARMOT LIBRARY NETWORK
JOB DESCRIPTION

JOB TITLE: Developer

CLASS: Exempt, full-time (40 hours/week)

REPORTS TO: Executive Director

PURPOSE:
The R&D Team develops, maintains, and supports web-based application software including Pika and the Digital Archive.

The Developer maintains, supports, and develops web-based application software hosted by Marmot; and works with web coordinators and developers employed by member libraries to integrate services hosted by Marmot. The Developer also handles problem reports and service requests, and works with colleagues to operate and maintain online services hosted by Marmot.

Works with the rest of the R&D team to implement new members. Provides technical support to and troubleshooting for existing implementations.

Works within a SCRUM development framework to plan and organize code releases. Is committed to continually improving processes and team communication.

Shares administrative duties with other team members to coordinate activities within the larger organization.

QUALIFICATIONS:

- BS in Computer & Information Science or equivalent plus at least 2 years experience in software development. Or 6 years of experience without a degree in Computer & Information Science or equivalent.
- Demonstrable experience supporting a web-based application.

SKILLS, KNOWLEDGE, AND ABILITIES REQUIRED:

- Practical understanding of computers, networks, operating systems, Windows, Linux, and related technology
- Practical knowledge of HTML standards and Apache web server configuration
- Demonstrable skill with PHP, familiarity with PHP setup and configuration
- Demonstrable skill with CSS, familiarity with CSS frameworks such as Bootstrap, familiarity with CSS compiling such as LESS

- Demonstrable skill with Javascript, familiarity with Javascript frameworks such as jQuery
- Demonstrable skill with MySQL
- Introductory knowledge of Java
- Familiarity with integrated library systems, particularly Sierra by Innovative Interfaces; and catalog discovery layers, particularly VuFind by Villanova University or Pika by Marmot Library Network
- Desirable skills include website graphics design, MARC and library cataloging standards, Solr, and Git or similar version control software.
- Agile development methodology (SCRUM)
- Ability to discern specific problems in symptoms reported by non-technical users, and to explain technical material in non-technical terms
- Ability to respond promptly to system emergencies

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Develop, test, modify and maintain the Pika open source application.
- Work with Product Owner and other developers on the R&D team to develop functionality specified by the Product Owner.
- Install, configure, support, and maintain new and existing installations of Pika for Discovery Partners.
- Engage with task forces and committees to understand general and specific requirements in conjunction with the Product Owner.
- Receive training and direction from the Senior Developer regarding development environment, coding standards and best practices, and development priorities gathered by the Senior Developer from task forces and committees.
- Work in an "agile" development manner: demonstrating enhancements and fixes at regular intervals, accepting suggestions to fine-tune or start over with good cheer, and working with colleagues to prioritize development of the most valuable features soonest.
- Advise web coordinators, Marmot staff, and developers on technical details to integrate services hosted by Marmot into library websites
- Attend conferences and webinars to learn about new advances in library discovery and archives.
- Diagnose server and/or network related issues which impair the performance of Pika.
- Handle after-hours and weekend calls specific to Pika or the archive, in rotation with other staff.
- Assist Marmot staff in other projects or tasks as required

WORKING CONDITIONS:

- This job may be based at the Marmot office in Grand Junction, or at a home office with good access to most member library locations.

- Occasional travel to library sites in Colorado in all but the most severe weather conditions
- Sit for extended periods while working at a computer
- See equipment and read manuals
- Speak and hear to communicate with staff, users, and suppliers

THE IDEAL MARMOT EMPLOYEE:

- A team player who engages well with others
- A patient, active listener eager to provide exemplary customer service
- A technology geek who can understand user needs and provide appropriate solutions
- Innovative, creative, and keen to explore new and emerging technologies
- Results-oriented, organized, systematic, and methodical
- Able to prioritize activities, and maintain a sense of humor

A quick learner willing to tackle new problems and challenges