Cochrane

Web Application Developer

JOB DETAILS	
Job Title:	Web Application Developer
Reports to (title):	Review Production Manager, Informatics and Knowledge Management Department
Date:	October 2016

PURPOSE OF THE JOB
To serve as Web Application Developer for Cochrane, with primary responsibility for the review production software front end.

PRINCIPAL ACCOUNTABILITIES/KEY RESULT AREAS

- Design, develop, test and maintain browser-based web applications and user interfaces which are user-centered, intuitive, and effectively meet project specifications.
- Build up unit testing and automated testing systems and train and support other software developers as required.
- Work closely with the Senior Systems Architect and Senior Systems Developer to establish connectivity with APIs, search engines, and servers.
- Contribute to specifications, requirements, schedules, and team meetings; troubleshooting development and production problems across multiple environments and operating platforms.
- Maintain technical specification documentation in relation to web application development and contribute to user documentation as required.
- Write clean and maintainable code and contribute to good coding practice within the department.
- Provide effective software support service to users when required.

PERSON SPECIFICATION
Essential:
- Degree in computer science or related field or equivalent knowledge and experience
- Experience in development of front end web applications
- Experience with Angular or similar frameworks, HTML5, and CSS3
- Experience with unit testing and automated testing
- Diligent, with attention to detail and quality assurance
- Able to plan and execute tasks efficiently including documentation and quality assurance
- Enjoys team work

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- Able to prioritize own tasks against project and team goals
- Can communicate around product and process issues in a constructive way with focus on solutions
- Able to work efficiently and effectively with a geographically-dispersed department and organization
- Fluent in English
- Willing to travel as required

Preferred:
- Knowledge of Cochrane, evidence-based health care, systematic reviews, and/or the global health sector
- Experience working according to Agile development practices
- Experience with server side technologies, e.g. Java EE, JSP, NodeJS, PHP
- Experience using version control software, preferably Git
- Experience using dependency management tools, e.g. Maven, bower, or npm

KEY INTERFACES

Internal: IKMD staff and other Central Executive staff, as required.
External: Others working in technology and evidence-based health care.

DIMENSIONS

Budgetary responsibility: N/A

Number of direct and indirect reports: N/A