Position Advertisement

Frontend React.js developers (2 positions available)

- **12 month (fixed term) full time positions (with possible extension)**
- **Salary based on skills and experience**
- **One Health epidemiology consulting company**
- **Position based in Jakarta, Indonesia with possibility of remote work**
- **Good spoken English essential**
- **Redevelopment of an existing PHP application in React.js**

Ausvet is seeking two experienced (5 years) frontend React.js developers to redevelop an existing application, previously coded in the PHP Yii framework. The developers will be working as part of an international team implementing a research project in improving the management of animal diseases and addressing antimicrobial resistance. The application is one component of a cloud-based big-data platform for the capture, management, analysis and reporting of health information to millions of users in multiple countries.

The frontend React.js developers will be working under the supervision of the Development Team Leader (based on Lyon, France), and in partnership with other developers in Jakarta, France and Australia.

For more information: *application web site*

Job Description

Frontend React.js developers

Contract: Fixed term 12-month full-time position with possibility of extension
Employer: Ausvet, through its representative office based in Jakarta, Indonesia

Ausvet is a One Health private epidemiology consulting company, with offices in Australia and France and with extensive experience working in Indonesia.

Ausvet is working on a large international research project, focusing on managing the risk of livestock diseases and antimicrobial resistance. As part of this project, the existing Omnísyan software platform (currently underpinning a large system in Indonesia) will be redeveloped to improve Big Data performance and allow it to be deployed in other countries.

The platform consists of multiple interrelated components, but the task of the full-stack React.js developers is to redevelop the existing PHP/Yii web application using React.js, reproducing all existing functionality, improving maintainability and robustness, and extending functionality in key areas.

Position Tasks & Responsibilities

Under the direction of the IT development Team Leader, who in turn will work with the Project Leader and Product Owner, develop a fully functional cloud-based React.js application, implementing all the functionality of the existing Omnisyan frontend functionality as well as additional features as specified.

The application will include but is not limited to:

- User functionality
    - User authentication / login / JWT / Cognito
    - User profile management
    - Implement secure interface
    - Multilingual capability - language switching
    - Customisable menu structure
    - Pages to embed content from separate APIs
        - Data capture interface (Web form API embedded)
        - Data analysis and reporting interface (R Analysis API embedded)
    - User customised dashboard based on outputs of analysis API
- Administrator functionality
    - User management
    - Permissions management (user groups, user permissions, group permissions, registration permissions)
    - Data capture metadata management
    - Data reporting metadata management
    - Business rules management
    - Spatial data management
    - Reference table management
    - Secure interface to safely delete / edit data
    - Menu system management / by entry / by user group
    - Generate reference table management interface

- News / announcements
- Report management (search, favourite, saved reports, schedule reports)
- Dashboard design
- Public website
  - System front-end
  - Simple CMS to allow administrators to customise content
  - News/blog/information pages
  - Public display of authorised reports (via API)
- System
  - Ability to apply new skins
  - Ability to automate deployment of new instances

Skills and qualifications

Essential

- Training and qualifications in information technology and web development.

- Demonstrated contemporary experience and competency in React.js. With strong competencies in the following areas;

  - HTML + CSS. No front-end dev is a stranger to HTML and CSS. ...

  - JSX.

  - JavaScript Fundamentals + ES6. ...

  - Git. ...

  - Node + npm. ...

  - Redux.

- 5 years of experience working with these technologies

- Ability to learn and apply new coding skills quickly and apply existing knowledge to novel applications,

  - Ability to research available tools and libraries to address a novel problem or task, to quickly assess the capabilities of the different solutions available, and to present a synthesis of the advantages and disadvantages of each to support effective design choices.

- Communication and version management tools

  - Bitbucket for code management

  - Jira for task management

  - Standard web communications tools such as Zoom, Slack.

- Good command of spoken English

- Demonstrated contemporary experience working autonomously and as part of a small team.

- Demonstrated contemporary experience managing competing priorities within specific timeframes.

- Willingness to work additional reasonable hours when necessary (e.g. when a project deadline requires it).

- Excellent organisational skills and time management

- Able to communicate effectively using a variety of digital tools (video-conferencing, phone, WhatsApp, etc) across different time zones

- Demonstrated ability to collaborate effectively in small teams remotely

- Demonstrated ability to adapt to change effectively and to adopt new tools, methods and technologies efficiently

Desirable

- Experience working with PHP and Yii (to help read the old code)

- Experience using PostgreSQL

- Experience using AWS

- UX/UI skills and experience

Attributes

- Well-developed analytical skills, and the ability to think critically

- Can-do, positive problem-solving attitude

- A creative, curious mind

- Passion and energy

- Mental agility allowing you to engage with a variety of different tasks at the same time

- The ability to take the initiative, and seek practical, effective solutions to challenging problems

- When required, have an ability to work to tight deadlines, be disciplined and output-focused

Applications

The deadline for applications is midnight CEST **Sunday, 26 September 2021**. Applications should be sent by email to recruitment@ausvet.eu and include:

- A covering letter explaining your motivations and demonstrating how you have the skills, qualifications, and attributes mentioned above

- A detailed and professional curriculum vitae

- Salary expectations and a realistic indicative date when you might be available to start.

Short-listed candidates will be required to supply the names and contact details of at least 2 referees who can attest to their recent performance in a professional setting.

COVID-19 considerations

We work collaboratively, use communication tools to their fullest and maintain close contact with all our consultants even while we work remotely. Due to the current sanitary restrictions, we anticipate that much of the recruitment process will be conducted remotely.