

IEA # 601



Consultancy - Front-End Developer Climate Information Platform

Reports to: Technical Lead (iMMAP) and jointly to Monitoring, Evaluation and Learning Specialist (ICARDA)

Location: Tashkent, Uzbekistan

Advertisement date: 11 April 2019

Closing date: 31 May 2019 (or until the position is filled)

Main purpose of the position

The Front-End Developer must be self-motivated and able to combine the art of design and programming and will work as the UI/UX designer. As the UI/UX designer, the Front-End Developer will bridge the gap between graphic design and technical implementation and will have an active role on both sides of development. The Front-End Developer will define how applications look as well as how they work.

About ICARDA

The International Center for Agricultural Research in the Dry Areas (ICARDA) is an international autonomous, non-profit, research organization supported by the Consultative Group on International Agricultural Research (CGIAR).

ICARDA's mission is to reduce poverty, enhance food, water and nutritional security, as well as environmental health in the face of global challenges including climate change. We do this through innovative science, strategic partnerships, linking research to development and capacity development that take into account gender equality and the role of youth in transforming the dry areas. ICARDA works in partnership with governments, universities, civil society, national agricultural research organization, other CGIAR research Centers, and the private sector. With its temporary Headquarters in Beirut, Lebanon, ICARDA operates in regional and country offices across Africa, Asia and the Middle East. For more information: www.icarda.org

About iMMAP


iMMAP is an international not-for-profit organization that provides information management services to humanitarian and development organizations, enabling partners to make informed decisions that ultimately provide high-quality targeted assistance to the world's most vulnerable populations.

<https://immap.org/>

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icarda.org
International Center for Agricultural Research in the Dry Areas

cgiar.org
A CGIAR Research Center

The CGIAR logo consists of a stylized green and orange leaf icon above the text "CGIAR" in a bold, green, sans-serif font.

Main responsibilities

- Work closely with other developers, product engineers, and visual designers to build a compelling, responsive, and scalable user experience.
- Design, develop, front-end geospatial web capabilities for organizational enterprise users using technologies such as JavaScript, HTML, and related frameworks and libraries
- Turning UI/UX designs into prototypes, creating excellent interactions from designs, writing reusable content modules and maintainability of the code.
- Implement UI development principles to ensure that the product client-side serves at scale.
- Review and optimize the app usage by monitoring key metrics and rectifying the issues proactively.
- Follow web development industry-standard design patterns, development methodologies, and deployment models.
- Help drive the REST API design, required for integrating the web application with the back end web services.
- An ability to perform well in a fast-paced environment and bring in optimal flow for rapidly changing design/ technology.
- Unit testing is expected, and some components may be initially driven using mocked data.

Other tasks:

- Participate to working sessions and team meetings to review and familiarize with the data processing and methodology for each indicator.
- Prepare the GeoPortal UI prototype, user and functional requirements and the work plan;
- Prepare technical document and summary report including next steps and recommendations;
- Perform other duties as requested

Education, qualifications and experience

- Advance University Degree in Computer Science, Information Technology or related disciplines;
- 5 years of relevant work experience as a web developer, UI developer or front-end developer;
- A team player and ability to communicate in English;
- Cultural and Gender awareness and sensitivity;
- Flexibility and ability to work to tight deadlines;
- Demonstrated ability to work independently;
- Technical facilities available to carry out above tasks;
- Attention to detail

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Technical Skill sets

Essential Technical Skills:

- Strong knowledge of and experience in using HTML5, CSS3, and modern JavaScript framework to develop interactive and responsive interfaces for use across platforms, devices, and browsers.
- Proficient with JavaScript frameworks such as VueJS, React, Angular (VueJS preferred)
- Familiar with UI layouts, SASS, Bootstrap, and the CSS GRID system
- Experience with build system such as Grunt, Webpack and etc.
- Experience with GitHub or related source code version management systems
- Experience with AJAX, JSON, REST
- Experience with Data Visualization Tool such as D3.js, amcharts and etc.

Other Technical Skills that are considered desirable:

- Experience developing web applications using ArcGIS API for JavaScript or other JavaScript mapping APIs such as Leaflet, Open layers and etc.
- Experience using REST and web service endpoints to create secure web applications
- Experience writing tests for testing web applications
- Knowledge of ArcGIS/QGIS or other mapping software is an advantage.

Terms of appointment

This is a 12 months consultancy position with possibility for extension based on performance and availability of funds. The first six months will be a probationary period.

How to apply

Please apply online at www.icarda.org/iea/ by 31 May 2019.

ICARDA is committed to increasing women representation in its workforce and strongly encourages applications from women.

Applications will be acknowledged, but only shortlisted candidates will be contacted.

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