



“Web developer” *Centre for Genomic Regulation (CRG)*

The institute

The Centre for Genomic Regulation (CRG) is an international biomedical research institute of excellence, based in Barcelona, Spain, with more than 400 scientists from 44 countries. The CRG is composed of an interdisciplinary, motivated and creative scientific team which is supported both by a flexible and efficient administration and by high-end and innovative technologies.

In April 2021, the Centre for Genomic Regulation (CRG) received the renewal of the '[HR Excellence in Research](#)' Award from the European Commission. This is a recognition of the Institute's commitment to developing an HR Strategy for Researchers, designed to bring the practices and procedures in line with the principles of the [European Charter for Researchers](#) and the [Code of Conduct for the Recruitment of Researchers](#) (Charter and Code).

[Please, check out our Recruitment Policy](#)

About the role

We are seeking motivated and skilled Web developer to implement sophisticated interfaces that have been created by a UX/UI designer. This front-end will integrate with a back-end system that manages discovery and sharing of biomedical data. The selected candidate will be contributing to the development of a platform that enables scientists to access and query the biomedical data generated by research and healthcare institutions worldwide while aligning with data privacy regulations (learn more about the project here: <https://beacon-project.io/>). The position provides an opportunity to work on world-class collaborative scientific projects. The candidate will join a multidisciplinary team at the European Genome-phenome Archive (EGA, see below) and will work closely with bioinformaticians, data curators, web designers, and other developers.

About the EGA

The EGA (European Genome-Phenome Archive, www.ega-archive.org) is a resource for permanent secure archiving and sharing of human genomics. We host more than 16 petabytes of data, that includes more than 3700 studies and 8600 datasets. The EGA, co-managed by the CRG (www.crg.eu) and the European Bioinformatics Institute (EBI, www.ebi.ac.uk), is an active partner in numerous international and national projects and contributes to establishing international standards in genomics and data security. The EGA team at CRG is a diverse group (currently 20 people and steadily growing) composed of bioinformaticians, developers and scientists from various backgrounds. We offer a flexible daily and weekly schedule, a friendly office atmosphere, together with exciting and stimulating assignments, embedded in high-level and society-positive international projects. In addition, we offer the possibility to grow in your career path (see also below).

Professional experience

Must have

- You have a strong background in Web frontend (HTML, CSS, JS)





- You have a strong background in any JavaScript Frameworks (React/ Angular/ Vue)
- You have understanding of server-side aspects (including web security)
- You have experience in working with REST API's for application and services integration
- You have experience with containerization technology (such as docker)

Desirable but not required/ Nice to have

- You have experience in Python (including async programming)
- You have knowledge of querying databases: SQL, ElasticSearch, MongoDB, Neo4J, etc: Database management experience is a major plus
- You have knowledge in unit testing and E2E testing using Cypress
- You have knowledge of Java, PERL, Rust
- You have experience in Data Curation, Data mining, harmonisation
- You have knowledge of UX Design Experience and proficiency with design tools
- A master's in bioinformatics will be considered a plus
- You speak Spanish and/or Catalan

Education and training

- You hold a software engineer or related degree, or a strong equivalent experience

Languages

- You are fluent in English, as it is the working language of the group

Competences

- You are able to work timely and deliver the results when planned
- You are accurate and detail-oriented
- You are a team player
- You care about the results of your work

The Offer – Working conditions

- **Contract duration:** Technical and scientific activities contract - linked to project and budget duration.
- **Estimated annual gross salary:** Salary is commensurate with qualifications and consistent with our pay scales.
- **Target start date:** as soon as possible

We provide a highly stimulating environment with state-of-the-art infrastructures, and unique professional career development opportunities. To check out our training and development portfolio, please visit our website in the [training section](#).

We offer and **promote a diverse and inclusive environment** and welcomes applicants regardless of age, disability, gender, nationality, ethnicity, religion, sexual orientation or gender identity.

The **CRG is committed to reconcile a work and family life** of its employees and are offering extended vacation period and the possibility to benefit from flexible working hours.

Application Procedure

All applications must include:

1. A motivation letter addressed to Jordi Rambla.
2. A complete CV including contact details.
3. Contact details of two referees.





All applications must be addressed to Dr. Jordi Rambla and be submitted online on the CRG Career site - <http://www.crg.eu/en/content/careers/job-opportunities>

Selection Process

- **Pre-selection:** The pre-selection process will be based on qualifications and expertise reflected on the candidates CVS. It will be merit-based.
- **Interview:** Preselected candidates will be interviewed by the Hiring Manager of the position and a selection panel if required, typically in two rounds of interviews. In some cases, a small test may be requested to assess skills.
- **Offer Letter:** Once the successful candidate is identified the People department will send a Job Offer, specifying the start day, salary, working conditions, among other important details.

Deadline: Please submit your application by October 4th, 2024.

Suggestions: The CRG believes in **ongoing improvement** and promotes a **culture of feedback**. This is one of the reasons we have in place, at your disposal as a candidate, a mechanism to gather your suggestions/complaints concerning your candidate experience in our recruitment processes. Your feedback really matters to us in our aim at creating a **positive candidate journey**. You can make a difference and help us improve by letting us know your suggestions through the [following form](#).

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