



Diversity and Inclusion at Dublin City University arpHR Full Stack Developer 12 month contract

The Human Resources (HR) Department is a central administrative department responsible for providing a complete Human Resources service to the University. The Department is made up of a number of sections including the Diversity and Inclusion section.

The overall aim of Diversity and Inclusion is to deliver on the university's commitment to a culture that is inclusive at all levels and in every system and process, where students, faculty and staff demand the highest standards from each other.

Through our commitment to equality, diversity and inclusion, we will create a workplace that embraces and celebrates our visible and invisible differences.

arpHR is an exciting new initiative creating a platform for Diversity and Inclusion Assessment and Training. Our platform will allow organisations to build inclusive and diverse environments and lead to greater employee satisfaction and loyalty.

This is an opportunity to create something dynamic and new, be part of a small but creative and committed team and grow our idea into a fully-fledged enterprise-grade SaaS platform. We expect to grow this commercialisation project into a successful market leader in a sector that recognises the need for a platform like arpHR.

The platform will be a robust and scalable application built with secure and maintainable code using AWS technology services and providing responsive and intuitive user experiences.

Our ideal candidate will have a passion for software, strive to make use of the latest in software frameworks and cloud services, and develop innovative solutions using current software design patterns and technologies.

The successful candidate will primarily be based on the Glasnevin campus but will also be required to work on other university locations as required.

Main Duties and Responsibilities

Reporting to the team Project Manager, the responsibilities will include the design and development of server-side code for an MVC Web application, Web Services and Component Integrations, as well as the coding of the client-side component.

The responsibilities of the role will include the following:

- Development of the client-side and server-side coding using Agile development techniques as part of a scrum development team
- Working with the project manager to ensure that the platform is developed and deployed using best practice methods and technologies, advising on the most appropriate development frameworks for the project as well as testing and devops approaches

- Liaising closely with the members of the team responsible for content development, ensuring that the platform can support the multi-modal content that is required for such an eLearning application
- Working closely with the team's UX Designer to ensure that the design is implemented as a responsive, modern user interface.
- Assisting the relevant project stakeholders with the technical feasibility of the functional requirement of the platform, advising on best technical approaches for certain application features and functions.
- Mentoring the junior developer team members on development and devops techniques where required to ensure project success.
- Engaging with our trial partners in demonstrating prototypes and refining functional specifications.

Qualifications and Expertise

The candidate must hold a primary degree in Computer Science, Software Engineering or a related discipline or equivalent (NFQ Level 7) plus 6 years appropriate experience. The candidate must have significant expertise in developing enterprise web applications including full-stack development experience.

In addition the successful candidate will have experience in the following;

- Programming using a server-side technology (such as PHP, Node.js, .Net or Java)
- AWS stack (EC2, ELB, EBS, RDS, EFS, CloudTrail, CloudWatch)
- JavaScript frameworks (React, Angular, Bootstrap, jQuery)
- HTML, CSS
- Wireframe Tools (Figma, InVision)
- Accessibility guidelines for web development (WCAG, ARIA)
- SQL database including schema design and performance optimisation (MySQL, PostgreSQL)
- API development (REST, XML, JSON)
- Application and Session Caching (Memcached, Redis)
- Security Best Practice (Security by Design, OAuth2.0, Data Encryption)
- Devops Tools (AWS CloudFormation)
- Github
- Working with Linux and Apache
- Agile Methodologies
- Excellent problem solving skills
- Ability to take initiative in developing innovative solutions
- Excellent communications skills (written and verbal)
- Ability to work as part of a small team
- A track record of maintaining skills and knowledge related to new technologies as they emerge
- Experience working in a startup-like environment.

Experience in the following areas would be a distinct advantage;

- eLearning or Learning Management Systems (LMS)
- Content Delivery Networks (CDN)

Salary: *€56,443 – €89,838

*Appointment will be commensurate with qualifications and experience will be made on the appropriate point of the salary scale, in line with current Government pay policy.

Closing date: 15th March 2019

Informal enquiries to: Ms Sandra Healy (sandra.j.healy@dcu.ie)

Application Procedure:

Application forms are available from the DCU Current Vacancies (Open Competitions) website at <http://www4.dcu.ie/hr/vacancies/current.shtml> and also from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0)1 700 5149; Fax: +353 (0)1 700 5500 Email: hr.applications@dcu.ie

Applications should be submitted by e-mail to hr.applications@dcu.ie or by Fax: +353 (0)1 700 5500 or by post to the Human Resources Department, Dublin City University, Dublin 9.

Please clearly state the role that you are applying for in your application and email subject line: Job Ref #1154 arpHR Full Stack Developer, Level according to experience

Dublin City University is an equal opportunities employer