



## **#RF1276 Technical Architect**

### **The Futures Software Systems Architectures Project**

#### **Up to 3 Years Fixed Term**

This position is open to candidates who meet the following criteria

#### **Minimum Criteria**

Candidate will hold a minimum of a Degree (NFQ Level 7), plus 6 years of appropriate industrial experience in large-scale software implementation, including microservices. Strong software and programming skills are essential and relevant experience in web application development with substantial backend integrations is expected. Candidates should be able to present a portfolio of projects and demonstrate evidence of a willingness to lead projects.

#### **Desirable**

A candidate who holds a Phd in program automation, code analysis, data modelling or machine learning is desirable.

#### **Skills**

At this stage of the project, the TA has an opportunity to propose implementation details most appropriate to the user requirement specifications although the following is a strong indication of possible technologies:

- Backend development (preferably Python e.g. Django/Flask, Node.js )
- Database engineering (SQL, NoSQL, scaling)
- Database SQL query optimisation
- Cloud skills / deployments including dev-ops (Nginx, Puppet, Ansible)
- Knowledge of static and dynamic source code analysis techniques
- Microservice and/or Function as a Service implementation
- Large scale java object oriented project implementation
- Excellent written and verbal communication and interpersonal skills.

**Closing date:** 11<sup>th</sup> October 2019

**Informal Enquiries in relation to this role should be directed to:**

Dr. Paul M Clarke School of Computing, Dublin City University.

Phone + 353 (0)1 7008524 Email: [Paul.M.Clarke@dcu.ie](mailto:Paul.M.Clarke@dcu.ie)

*Please do not send applications to this email address, instead apply as described below.*

**Application Procedure:**

Application forms are available from the DCU Current Vacancies (open Competitions) website at <http://www.dcu.ie/vacancies/current.shtml> and also from the Human Resources Department, Dublin City University, Dublin 9. Tel:+353 (0) 1 7005149.

Applications should be submitted by e-mail to [hr.applications@dcu.ie](mailto:hr.applications@dcu.ie) or by post to the Human Resources Department, Dublin City University, DCU Glasnevin Campus, Dublin 9, D09W6Y4.

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