Senior Integration Developer
Information Systems Services (ISS)
2 Year, Fixed Term Contract

Dublin City University www.dcu.ie is a research-intensive, globally-engaged, dynamic institution that is distinguished both by the quality and impact of its graduates and by its focus on the translation of knowledge into societal and economic benefit. Through its mission to transform lives and societies through education, research and innovation, DCU acts as an agent of social, cultural and economic progress. DCU is Ireland's fastest growing university, and now hosts more than 17,000 students across its three academic campuses: DCU Glasnevin Campus, DCU St Patrick's Campus and DCU All Hallows campus.

Information Systems Services (ISS)
ISS is a central support unit responsible for providing a complete ICT service to the university's various schools, units, research centres and campus companies. In addition to working closely with all stakeholders across DCU to ensure quality service delivery, ISS is responsible for the university's extensive ICT infrastructure estate servicing our three academic campuses. For further information, please visit https://www.dcu.ie/iss/

ISS plays a key role in supporting DCU in achieving the objectives set out in its Strategic Plan: Talent, Discovery and Transformation 2017-2022.

Role Profile
Reporting to the Director of ISS or his/her nominee, the Senior Integration Developer will lead the design and implementation of strategic ICT initiatives with a specific focus on system integration. Whilst assuming the role of subject matter expert in the area of system integration, s/he will work closely with other senior ISS colleagues, the wider DCU stakeholder group and technology vendors to ensure that DCU systems communicate via APIs using a modern integration platform.

S/he will have strong leadership, customer-service, and communications skills and will be a key ISS interface with other groups across the University and with external partners.

Duties and Responsibilities
Duties and responsibilities include, but are not limited to the following:

- Act as a senior system integration specialist, defining integration standards and ensuring that these standards are applied in a consistent manner across all integration development;
- Act as a system integration developer building new integrations and enhancing and migrating current point to point integration using a modern enterprise integration platform;
- Design and build of onsite and cloud integration solutions;
- Mentoring of ISS staff on system integration methodology, emerging technologies and best practices.
- In-conjunction with strategic and tactical leadership from Director of ISS or his/her nominee, design, specify and deploy the installation of key cross-institutional cloud based, virtual and physical ICT infrastructure;
- Liaison with internal stakeholders in supporting University-wide ICT initiatives;
- Engagement with potential and existing suppliers of ICT related goods and services, providing technical evaluation and input to procurement processes, and ensuring best value for the University;

- Acting as subject matter expert and providing ICT consultancy advice to University-wide and other IT-related projects;
- Attendance as appropriate at University committees and advisory groups;
- Monitoring industry trends and maintaining a technology watch on developments likely to be of relevance to the future transformation of a University-wide ICT infrastructure;
- Identification of external funding opportunities, which bring potential benefit to University ICT development;
- Promote and develop automation through adoption of modern ICT tools;
- Develop automation using scripting/programming languages;
- Act as escalation point for ISS colleagues;
- Implement security enhancements to reduce vulnerabilities;
- Scope, design, management and delivery of designated IT projects.

Duties and responsibilities may change over time and other duties may be assigned by the Director of ISS or his/her nominee.

Candidate Requirements:
-Essential

- Primary degree level qualification(NQV Level 7) in Computer Science, Engineering or a relevant area
- At least 5 years' senior level experience in design, deployment and administration of ICT systems
- A sound understanding of the cross-institutional dimensions of enterprise systems, system integration, ICT infrastructure and the associated service delivery within a complex and highly devolved environment
- Significant knowledge of major technological developments influencing enterprise ICT infrastructure provision and management
- Proven ability to produce detailed documentation to a high standard

- In depth knowledge and experience of:
  - APIs and related technologies;
  - Databases technologies and DBA skills;
  - Software development lifecycle.
- Significant degree of technical competency including practical understanding of:
  - Modern integration platforms such as Dell Boomi or Mulesoft;
  - Scripting/programming language;
  - IT Security.
- Excellent communication skills, including ability to influence senior stakeholders
- Team player who enjoys working with a diverse range of people
- Flexible and adaptable in outlook
- Ability to work effectively under pressure in a business critical service environment
- Self-motivated, showing initiative and sound decision making
- Committed to continuing professional development for self and others

-Desirable
- Experience of enterprise level ICT management to maintain credibility with both internal stakeholders and external organisations, both technical and business-oriented
- Knowledge of Project Design and Management methodologies

- Working knowledge of:
  - Linux;
  - LDAP (Active Directory);
  - Monitoring tools;
  - Enterprise deployments of VMware;

- hosted cloud services (AWS or Azure);
- Enterprise deployment of Networking;
- Identity management (SSO).

There is no direct line management of staff in this role. However, there is a requirement for significant coordination, influencing and communication skills in working with colleagues both within and outside the University.

Mandatory Training

Post holders will be required to undertake the following mandatory compliance training: GDPR and Compliance. Other training may need to be undertaken when required.