



# Job description

## Data Engineer

### Company context

#### INTO's mission:

***Through innovative partnerships with leading universities we expand opportunities for higher education, ensuring success and transforming the lives of our students and staff.***

Across the world, there is increasing demand for top quality higher education, with more and more students demanding access to provision beyond their home country. INTO partners with universities in three continents to address this global demand and help transform their international capacity and performance. Since 2006, we have successfully launched partnerships with 22 universities in Europe, North America and Asia. We have enrolled over 67,000 students from 166 countries and now have about 1700 employees, based round the world.

Our website <http://www.intoglobal.com/> has details of how we are organised and our outstanding achievements so far.

### Role context

As a Data Engineer, you will be developing data-pipelines for an exciting new initiative to build a large-scale data ecosystem. Working alongside a new team and with cloud technology you will help launch a range of new digital offerings to be offered to our global customer base of students and universities across the globe.

### Reporting line

The role reports to the Data Hub Manager.

### Job purpose

This role has a key responsibility for specifying, ingesting and quality assuring large volumes of data sources collected from external systems. The role is also responsible for developing and deploying API's via a low-code platform.

### Key accountabilities and duties

Role and responsibilities

- Design, develop and maintain Azure Data Factory pipelines
- Ensure data integrity and data quality standards are kept optimum

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- Manage the Product Information Management solution
- Troubleshoot issues related to data management and identify opportunities for improving the data management process
- Develop and deploy database API's to service our digital product portfolio
- Test and support all data solutions

**The job title does not define or limit your duties and you may be required to carry out other work within your abilities from time to time at our request. We reserve the right to introduce changes in line with technological developments which may impact upon your job duties or methods of working.**

## **Location**

The post is based in Brighton. Travel within the UK and abroad may be necessary and flexibility is required to meet the demands of the post, including occasional weekend working. The post holder may be reasonably required to work from any INTO or partner location at any time.

## **Safeguarding**

As part of our safeguarding procedures, applicants are asked to note that:

- references will be followed up;
- all gaps in CVs must be explained satisfactorily;
- proof of identity and (where applicable) qualifications will be required;
- reference requests will ask specifically whether there is any reason that they should not be engaged in situations where they have responsibility for, or substantial access to, persons under 18;
- appropriate suitability checks will be required prior to confirmation of appointment.

**This role may meet the requirements in respect of exempted questions under the Rehabilitation of Offenders Act 1974. If so, all applicants who are offered employment will be subject to a Disclosure and Barring Serviced check before the appointment is confirmed. This will include details of cautions, reprimands or final warnings as well as convictions.**

Please see the next page for person specification...

## Person specification

	Essential	Desirable
<b>Legal status</b>	<ul style="list-style-type: none"> <li>Eligibility to work in and travel freely to and from the UK, i.e. valid UK or EU passport</li> </ul>	
<b>Education/ qualifications</b>	<ul style="list-style-type: none"> <li>Technical Degree or relatable technical experience</li> </ul>	<ul style="list-style-type: none"> <li>Associated Microsoft Qualifications achieved, or in progress.</li> </ul>
<b>Experience/skills</b>	<ul style="list-style-type: none"> <li>Demonstratable experience with Microsoft Azure, particularly ADF (Data flows), Data Lake Gen 2, SQL Server</li> <li>Experience of web-scraping and ingestion of data via API</li> <li>Ability to build data pipelines to ingest, cleanse and manage data from various sources</li> <li>Experience with transformation technologies such as XML and JSON</li> <li>Technical problem-solving skills</li> <li>Strong written and spoken communication skills, with the ability to work effectively with developers and end-users and to produce concise and comprehensible requirements</li> <li>Ability to work with minimal supervision</li> </ul>	<ul style="list-style-type: none"> <li>Understanding of ITIL practices</li> <li>Understanding of Agile methodologies</li> <li>Cosmos DB</li> <li>Experience working in a micro-service architecture particularly Azure API Manager or Jitterbit or C#</li> <li>Knowledge of Product Information Management including creating data quality rules and managing technical aspects of the solution</li> <li>Experience using Microsoft Power BI or equivalent technologies</li> <li>Domain experience in Higher Education and/or international recruitment</li> <li>Machine Learning experience</li> <li>Experience using Salesforce or equivalent CRM technologies</li> </ul>