## PERSON SPECIFICATION

**Job Title:** Back End Developer  
**Programme:** Informatics  
**Job Reference No:** AD1150  
**Grade:** D

### QUALIFICATIONS / EDUCATION

<table>
<thead>
<tr>
<th>Essential</th>
<th>Desirable</th>
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<tr>
<td>5 GSCE’s at grades C and above including Maths and Science.</td>
<td>Degree in Computer Science or other relevant subject (Maths, Physics, ...)</td>
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### EXPERIENCE

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<th>Desirable</th>
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| Professional experience of developing modern web applications and APIs especially with Ruby on Rails  
Experience with SQL, ideally PostgreSQL  
Good knowledge of version control systems, ideally Git | Experience with data manipulation and automation  
Experience with Unix-like/MacOS working environment  
Experience with cloud storage service (AWS S3)  
Experience with test driven development (TDD)  
Knowledge of Continuous Integration process (Travis CI) and deployment (Capistrano)  
Experience of mapping or GIS web applications (QGIS, ArcGIS)  
Experience with geodatabases (PostGIS) |

### SKILLS

- Ruby on Rails, Ruby  
- SQL, PostGIS  
- Object oriented programming and database design  
- Test driven development  
- Git  
- RSpec  
- QGIS, ArcGIS  
- Mapbox, CartoDB

### TYPE OF PERSON REQUIRED

- Cares about what they work on and is keen to understand the context and background of a project  
- Focused on the producing reliable, performant and maintainable software
• Excels when working as part of a close-knit agile team, but can also work independently
• Like designing and working with large datasets
• Flexible, with good time management skills for working across multiple projects.
• Is constantly looking to develop their skills and learn new technologies

OTHER RELEVANT INFORMATION
This is not a United Nations Post.