



## Role Profile

**Job Title** : **Pipeline Developer**

**Department** : **CGI**

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### Function of the department:

The CGI department is responsible for the production of CG animation and stop-motion VFX within Aardman Animations, working across short-form, long-form, and broadcast productions. Recent areas of engagement include commercials and branded content, short films, stop-motion series, VR experiences, and 4D movies.

### Main purpose of the role:

The Pipeline Developer will develop and maintain pipeline tools for all areas of the department, enabling more effective working patterns for artists using a range of 2D and 3D software. They will also support the integration of stop-motion productions into the CGI pipeline.

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### Duties & Responsibilities:

*This is a summary of duties and responsibilities and is not intended to be exhaustive.*

- Work with the CGI technical team to develop tools in support of the CGI pipeline.
  - Integrate new tools and 3rd party applications into the pipeline core.
  - Produce relevant documentation and tutorials for tools and integrations.
  - Customise existing scripted tools to suit needs of the department.
  - To proactively pass on all appropriate technical knowledge to other department members.
  - To observe the provisions of the Health and Safety at Work Act.
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### Essential Knowledge, Skills and Abilities:

- Excellent knowledge of Python and associated ecosystem.
- Extensive skills and experience in graphics related programming.
- Solid understanding of version control workflows.
- Excellent analytical and problem solving skills.
- Familiarity with CG animation.
- Self-motivated, positive approach to work.

**Desirable Knowledge, Skills and Abilities:**

- Computer science degree or equivalent experience desirable.
- Experience with creative software such as Maya, Nuke, Houdini would be beneficial.
- Experience of cloud based project management systems (Shotgun/Ftrack).

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**Responsible to:** Head of 3D

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**Specific Functional Contacts:** Head of Production Resources

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