

## Role Profile

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|-------------------|---|------------------------------------------|
| <b>Job Title</b>  | : | <b>Full Stack Developer (React/.NET)</b> |
| <b>Department</b> | : | <b>Core Development</b>                  |
| <b>Band</b>       | : | <b>Operations 3</b>                      |

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### Department:

Aardman's Core Development Team develops, manages and maintains software, applications, and third-party services across the company.

The team is responsible for designing, developing, and maintaining internal corporate applications, and evaluating, selecting and implementing new technology, external services and software where required, and ensuring that any solutions integrate with existing systems and benefit the company.

### Job Purpose:

Reporting to the Solutions Architect and working alongside the team, providing front-end and system design, development, and deployment expertise to deliver both internal and external-facing business systems across the company.

You will help modernise existing systems and develop new applications using modern frameworks, tools and development practices. You will work within established development standards and pipelines, while helping the team improve them over time.

Working closely with the Solutions Architect and wider team, you will participate in technical planning, solution design and the evaluation of new technologies. You will apply agreed improvements that enhance the team's capability, application quality and delivery performance.

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### Duties & Responsibilities:

- Working within the Core Development team to:
  - Help modernise legacy systems, including migration from ASP.NET Web Forms to React-based front-end applications
  - Develop responsive and accessible React-based user interfaces for internal and business-facing applications.
  - Design, develop, and deploy scalable full-stack applications across internal and business-facing systems.
  - Work with and maintain Azure DevOps CI/CD pipelines, supporting automated build, testing and deployment processes.
  - Implement Azure Entra ID authentication within applications, following agreed security and access-control patterns.
  - Follow established development standards and help improve pull request workflows, code review practices and branch management processes.
  - Support the adoption of automated testing practices to improve quality and maintainability.
  - Participate in code reviews and collaborate with team members to maintain code quality, share knowledge and apply effective development and documentation practices.
  - To support team and company projects and initiatives on an ad hoc basis.

- Collaborate with business stakeholders to collect requirements, identify opportunities for workflow optimisation, and deliver tailored solutions.
  - Work closely with the Solutions Architect and wider team on technical planning, solution design and evaluation of technologies.
  - To observe the provision of the Health & Safety at Work Act.
  - To observe the Data Protection Act 2018 (General Data Protection Regulations).
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#### **Person Specification:**

We're looking for a proactive and collaborative developer with strong analytical and problem-solving skills who enjoys building software and delivering practical solutions to address business challenges. You'll be comfortable working both independently and as part of a team, communicating effectively with both technical and non-technical colleagues, and producing maintainable, well-documented code.

We value curiosity, continuous improvement and passion for modern web development. The ideal candidate will enjoy learning new technologies, creating intuitive user experiences, sharing knowledge with colleagues and contributing ideas that help improve the applications and services we deliver.

#### **Essential Experience:**

- 3-5 years' commercial software development experience in a professional development environment.
- Experience developing and maintaining web applications using React and TypeScript.
- Experience working with ASP.NET and C# applications in production environments.
- Experience developing and consuming RESTful APIs.
- Experience working with SQL Server databases.
- Experience working with source control, code review processes and structured software development practices.
- Experience collaborating with technical and non-technical stakeholders to deliver business solutions.

#### **Essential Skills:**

- Commercial experience developing web applications using React and TypeScript.
- Experience creating responsive web interfaces using HTML5, CSS, JavaScript/TypeScript, and React.
- ASP.NET and C# development using .NET Framework and .NET 6+
- Web API design and development
- SQL Server development and optimisation
- Strong experience with Entity Framework
- Proven experience implementing CI/CD pipelines in Azure DevOps
- Strong understanding of deployment automation, version control, and release management
- Knowledge of Azure Entra ID (Active Directory) authentication and security
- Familiarity with Docker and containerised development environments
- Excellent analytical and problem-solving skills
- Strong communication and stakeholder engagement abilities
- Ability to participate constructively in technical planning, solution design and technology evaluation.
- Effective time and resource management
- Experience developing SharePoint applications
- Experience creating responsive web interfaces using HTML5, CSS, JavaScript or TypeScript, and React.

**Responsible to:** Solutions Architect/Lead Software Engineer

**Contacts:** Solutions Architect, Developers, Systems stakeholders, Companywide Users