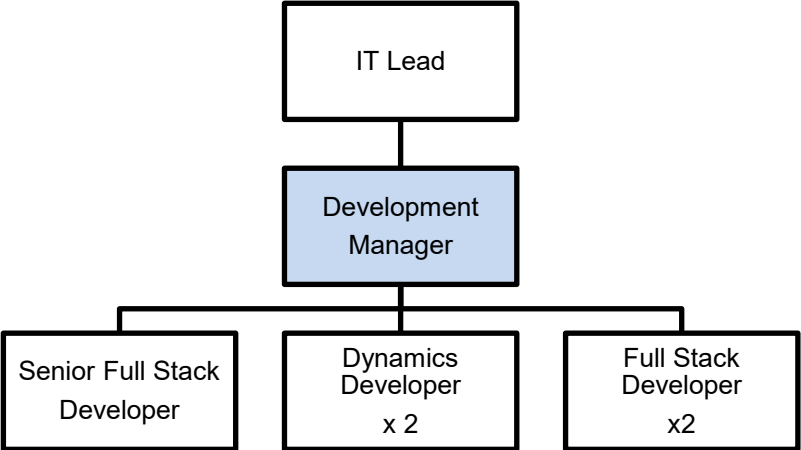


STEM Learning Limited

1. Role Particulars	
Role Title: Development Manager	Reports to: IT Lead
2. Organogram	
 <pre> graph TD ITLead[IT Lead] --> DM[Development Manager] DM --> SFS[Senior Full Stack Developer] DM --> DD[Dynamics Developer x 2] DM --> FSD[Full Stack Developer x2] </pre>	
3. Purpose of role	
The Development Manager leads our in-house development function and manages our relationships with third-party suppliers. The role holder is responsible for the technical direction and architecture of STEM Learning's digital estate, which spans Microsoft Dynamics 365, the Microsoft Power Platform, our front-end web applications and hosting, and the cloud services that underpin them. This is a critical role, ensuring our digital products and supporting infrastructure are reliable, secure, cost-effective and ready to evolve with the needs of the organisation. It is a hands-on leadership position that would suit an experienced Senior Developer or Development Lead looking to step up into a broader management role.	
4. Key Results / Accountabilities expected from role	
The role is accountable for the reliable operation, integration and technical direction of our digital products and platforms: • Lead, coach and develop the development team, ensuring it has the right skills, capacity and working environment to deliver high-quality work • Set the technical direction and own the architecture across Dynamics 365, the Power Platform (Power Apps, Power Automate, Power BI), our front-end web applications and our AWS-hosted services, so that it supports changing business needs • Oversee the design, build and support of solutions and integrations for existing and new digital products, balancing low-code and bespoke development appropriately • Act as the point of escalation for technical and integration queries from internal teams and third-party suppliers • Ensure systems, integration and architecture documentation is accurate and up to date, with key decisions recorded, and promote a shift-left culture with service teams • Champion good engineering practice, including code review, testing and secure development, and remove technical blockers for team members • Improve the developer experience so the team can spend more time on work that adds value • Identify service improvements and technical debt, working with Technical Delivery to make sure they are prioritised appropriately • Ensure CI/CD pipelines, automated testing and release processes are in place to support small, frequent and low-risk deployments across all platforms	

- Manage front-end web hosting and AWS environments, with suppliers and partners where relevant, to ensure performance, resilience, scalability and cost efficiency
- Oversee environment management, access and licensing for Dynamics, the Power Platform and AWS, ensuring appropriate governance and value for money
- Work with the IT Lead and the infrastructure and security team to maintain compliance with security standards, including Cyber Essentials Plus and ISO
- Manage supplier relationships and performance, challenging and tuning supplier set-ups to get the best outcomes
- Contribute to incident reviews and drive the follow-up actions that prevent recurrence.

Successful candidates will demonstrate STEM Learning's values: Sustainable – Innovative – Proactive

5. Key challenges faced in the role

- Balancing competing priorities across a large and varied workload
- Supporting and enhancing multiple systems on different technologies (Dynamics, Power Platform, web and AWS) delivered by both in-house staff and several suppliers
- Governing low-code and traditional development together so that solutions stay consistent, secure and maintainable
- Keeping pace with, and quickly evaluating, new technologies and platform changes

6. Experience and Expertise (typical educational qualification and experience)

- Experience building, leading and developing development teams in a modern digital environment
- Ability to be hands-on and to step in technically when needed
- Strong working knowledge of Microsoft Dynamics 365 (such as Customer Engagement/Dataverse), including configuration, customisation, integration and data management
- Demonstrable experience delivering solutions with the Microsoft Power Platform (Power Apps, Power Automate, Power BI), and an understanding of governance, environments and licensing
- Experience of front-end web development and hosting, with real-world digital products, ideally using TypeScript/JavaScript, React or Next.js
- Good working knowledge of AWS and cloud/serverless platforms (S3, CloudFront, Amplify or container services), including monitoring, resilience and cost management
- Experience evaluating, debugging and supporting digital services using modern APIs and authentication technologies (OAuth/OIDC), and the ability to absorb API documentation quickly
- Competent in one or more modern programming languages for solving problems or building proofs of concept, such as TypeScript, JavaScript, C#, PHP or Python
- Experience using tools such as Postman or Insomnia for API testing and verification
- Good understanding of version control, particularly GitHub, and its integration with CI/CD tooling and release pipelines
- Comfortable writing complex queries against SQL Server, PostgreSQL or MySQL
- Experience managing third-party suppliers and balancing in-house and outsourced delivery
- Strong interpersonal and relationship-building skills, with the ability to communicate technical topics to non-technical stakeholders
- Excellent attention to detail while working to deadlines and managing a varied workload
- Experience working with security standards, including Cyber Essentials Plus and ISO.

7. Economic dimensions associated with the role (if any)

N/A

8. Location

Your post at the National STEM Learning Centre (York) is a hybrid role, of which you are expected to work on-site 2 days per week. It may be required to work, if appropriate, at any of STEM Learning's premises, or temporarily elsewhere as necessary for the proper discharge of your duties.