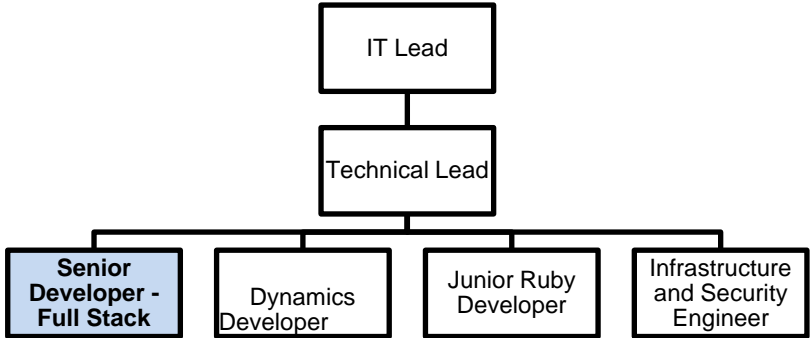


1. Role Particulars	
Role Title: Senior Developer - Full stack	Reports to: Technical Lead
2. Organogram	
 <pre> graph TD ITLead[IT Lead] --> TechLead[Technical Lead] TechLead --> SeniorDev[Senior Developer - Full Stack] TechLead --> DynamicsDev[Dynamics Developer] TechLead --> JuniorRubyDev[Junior Ruby Developer] TechLead --> InfraSecEng[Infrastructure and Security Engineer] </pre>	
3. Purpose of role	<p>STEM Learning is taking a significant step forward on its digital journey by building an internal engineering function to replace previously outsourced development functions. This is an exciting opportunity to help shape the future direction of STEM Learning digital as we move to replace existing monolithic apps with modern, modular architectures.</p> <p>Working alongside product managers and designers in a small, cross skilled team you will deliver intuitive and delightful user experiences through robust and performant systems. You will have the opportunity to work on multiple projects, from feature improvements and technical debt reduction to brand new service development.</p>
4. Key Results / Accountabilities expected from role	<p>You will:</p> <ul style="list-style-type: none"> • Get involved in the full software lifecycle, from inception through to deployment, release and post go live support. You will write highly efficient and maintainable code. • Champion and suggest best practices to develop clean, resilient code. • Drive collaboration across multiple teams, effectively communicating complex ideas to all levels. • Proactively help with production issues and release management and build systems with performance and scalability in mind. • Create comprehensive project documentation, establishing good documentation standards that ensures all critical systems and processes are well-documented.
5. Key challenges faced in the role	<ul style="list-style-type: none"> • Managing conflicting priorities with a large and varied workload. • Supporting and enhancing numerous systems built on different technologies, supported by multiple suppliers. • Learning and evaluating new technologies quickly • Working with a diverse, geographically separate user base including office staff based in York or London offices, remote staff, a UK wide delivery network of partners numbering 100+ organisations, 35000+ active ambassadors (volunteers) and 450,000+ website end users.

6. Any other information (particular reference to planning (nature and impact), scope of impact).
You will have the opportunity to work on multiple projects, from feature improvements and technical debt reduction to brand new service development.
7. Experience and Expertise (typical educational qualification and experience)
<p>We are looking for a developer with several years' experience shipping modern apps using Javascript, React and the Next.js framework. You will:</p> <ul style="list-style-type: none"> • Have an eye for detail, delivering pixel perfect high-performance front ends. • Bring a solid understanding of (and experience building solutions using) OAuth2.0/OIDC for authentication and authorization. • Have experience building APIs that are intuitive to consume and quick to respond. • Have shipped products built using Headless CMSes and be comfortable with content modelling concepts (Contentful experience desirable) • Solid experience building testing strategies – Test driven/behaviour driven development, units testing, end to end testing frameworks. • Experience building and deploying static and dynamic web applications on Vercel and Netlify (desirable) • Previous experience building CI/CD pipelines. • Solid understanding of Git and Github actions • Be able to work on multiple projects at one time • Make architectural decisions considering long-term impacts, balancing business needs with technical considerations.
8. Economic dimensions associated with the role (if any)
N/A
9. Location
Your post at STEM Learning is a home-based role, but you 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.