

# Job Description



<b>Job Title:</b>	<b>Digital Solutions Developer</b>
<b>Reports to:</b>	Digital Solutions Tech Lead
<b>Grade:</b>	9
<b>Date:</b>	April 2024

## 1. Job Purpose

The Digital Solutions Developer is an exciting role focusing on web and ecommerce development, working on a market leading ecommerce website.

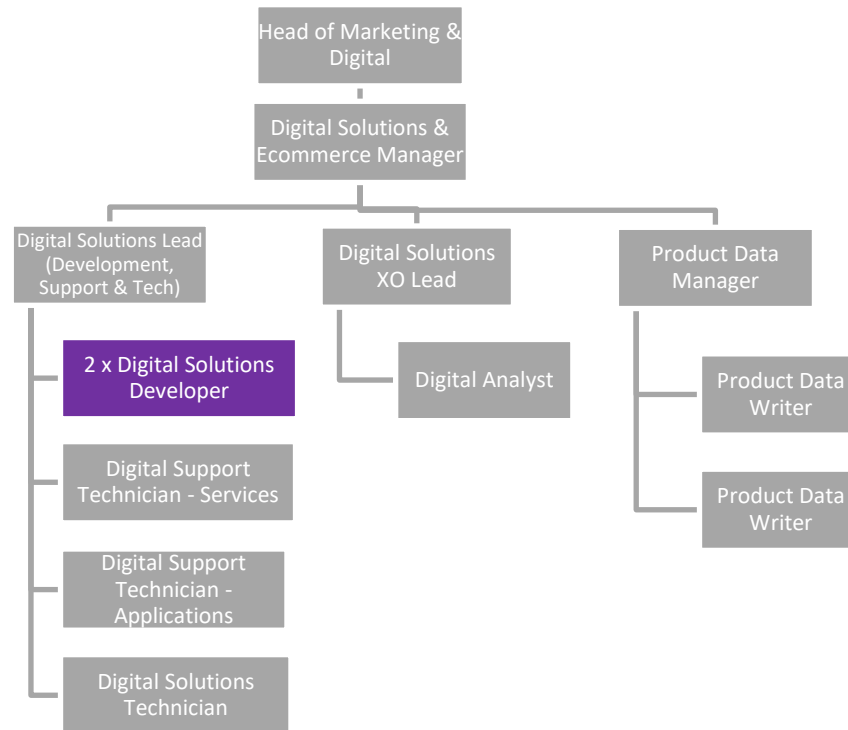
This role will form a big part of our digital transformation plans, working on both the current and future platforms as we look to grow and provide excellent experiences for our customers. The role is wide ranging in nature, providing a great opportunity to utilise existing skills, and develop others across different best of breed technologies and systems.

Currently on Sitecore, the post holder will help create excellent experiences for our customers using a mixture of back-end and front-end technology skills and experience. The role is predominantly front-end focused, but a strong understanding of back-end/CMS development is needed for our current platform.

We are always looking at new ways to improve both the experience for our customers and our position as a leader in the market. As such, success in the role looks like:

- Regularly delivering new and updated features for our customers, innovating on and enhancing our digital products by introducing fresh ideas and improvements.
- Ensuring the website works well by resolving and minimising bugs/issues, creating positive user experiences that our customers are captivated by.
- Responding to market opportunities by staying agile and proposing/implementing technical solutions that leverage your front-end and back-end expertise.

## 2. Organisational Structure



## 3. Dimensions

No direct line reports.

Deputise for Digital Solutions Tech Lead for all development related work.

## 4. Principle Accountabilities

- Working in both back-end and front-end technologies, primarily C# and JavaScript and/or Typescript to create new or extend existing functionality on YPO websites.
- Using React/NextJS, vanilla JavaScript, and HTML/CSS to update and develop new customer facing features and components across the site using different approaches, such as Headless, Composable, Monolithic etc.
- Developing Sitecore CMS components and functionality to power these features.
- Investigating bugs across the technology stack and providing solutions.
- Utilise packaging and build tools to prepare code for production releases.
- Writing end to end feature and regression tests in a framework such as Playwright and supporting tools such as Ghost Inspector.
- Working with APIs and web services that expose data and functionality across the website, such as integration with customer systems and product search.
- Developing website and ecommerce functionality on top of content APIs in a headless architecture.
- Working on integrations with third party tools such as analytics, A/B testing, and customer support.

- Contributing to process, tooling, and workflow improvements.
- Ensuring high quality standards and accuracy, following industry best practice, with a focus on business objectives.
- Working with marketing, design, and content teams as well as product management to advise and provide support for project requirements and the overall vision.
- Working with the support/QA function to ensure test cases for website functionality and features are created in line with agreed standards.
- Working in an Agile delivery environment as part of a hybrid development team in parallel with our digital agency partner, collaborating on deliverables.
- Implementing project deliverables to agreed deadlines and delivery plans.
- Collaborate with the rest of the Digital & Ecommerce team to share best practices & assist with project delivery.
- Ensure knowledge is kept up to date with the latest related technology and markets.
- Supporting the Digital Solutions Tech Lead to meet team objectives, ensure business targets are met and the website is always commercially effective
- Collaborating on the development of web-based applications to support internal processes within the Digital & Ecommerce team using a variety of tools and technologies.
- To keep up to date with information, training, and development opportunities appropriate to maintaining and developing professional service standards.
- Ensuring that services are delivered in line with relevant legislation, YPO objectives and policies including those relating to Equality and Diversity, Customer Care and Health and Safety.
- To undertake such other duties as may be required from time to time that reasonably fall within the scope and grade of the post.

Support the Digital team by being able to cover the following aspects when required:

- Sitecore CMS superuser for aiding colleagues in producing and managing content.
- Train and support colleagues in digital applications.
- Diagnose digital problems and provide internal end-user application support.

## 5. Planning and Organising

- Plan and maintain own workload.
- Ability to react to ad hoc requests from the Digital Solutions Tech Lead & other Digital Leaders whilst ensuring the planned work stream is not compromised.
- Be flexible & understanding to aid customers & suppliers in any digital services support.
- Contribute to work investigation, estimation, and sprint planning.

## 6. Decision Making

- Support decision making over the way Digital & E-Commerce affects customers and suppliers.
- Assist decision making over the way Digital & E-Commerce operates within YPO.
- Supporting best practice on ways of working, tools, and development best practices.

## 7. Internal and External Relationships

The Digital Solutions Developer must ensure they work closely with the Digital Solutions Tech Lead to ensure suitable cover is in place if the Digital Solutions Tech Lead is not available.

### Internal

- Digital Solutions Manager
- Digital Solutions Tech Lead
- Digital Solutions XO Lead
- Digital Solutions Technician
- Digital Support Technician
- Internal relationships with IT, Finance, procurement, operations, sales, customer services and marketing.

### External

- Technology Solution partners
- Digital agency partner
- All YPO customers

## 8. Knowledge, Skills and Experience

Area	Essential	Desirable	Assessment
<b>Knowledge</b>			
Experience in a related field	•		Application
Relevant degree or professional qualification(s)		•	Application
Excellent understanding of E-Business/E-Commerce web development, related technologies, and software development practices	•		Application & Interview
Understanding of Retail/Mail order/Warehousing/Distribution environments		•	Application
Excellent understanding of developing on Digital technologies and platforms used in business and enterprise for example Sitecore, XM Cloud, Contentful, and others.	•		Application & Interview
Strong knowledge of ecommerce development and technologies such as Order Cloud, Magento and others.	•		Application & Interview
Knowledge of using different data sources, such as SQL, ORM's, APIs etc.	•		Application

Knowledge of headless architecture and development front-end driven applications		•	Application Interview &
<b>Skills</b>			
Excellent skills in development tooling and platforms such as relevant IDE's, build tools, DevOps etc.		•	Application Interview &
Strong interpersonal/team working skills and an effective self-starter		•	Interview
Ability to multi-task and problem solve		•	Application Interview &
Web development skills in both front-end and back-end technologies such as Sitecore/.NET and NodeJS/React/NextJS		•	Application Interview &
Ability to understand & communicate technical issues within the business and to non-technical people		•	Application
<b>Experience</b>			
Experience of developing websites and/or ecommerce applications for medium to large scale business(es)		•	Application
Strong Experience working with both C# (.NET) and JavaScript/TypeScript		•	Application Interview &
Experience using Git for source code management, along with branch management and development / deployment pipeline practices		•	Application Interview &
Experience developing with web services and APIs using technology such as OData, Rest, GraphQL, XML, JSON		•	Application Interview &
Good QA and testing experience with the ability to write end to end tests in a framework such as Playwright		•	Application Interview &
Experience and understanding of public sector purchasing organisations and the current social, economic, legislative, and political environment in which they operate		•	Application
Good team player with experience of working in Agile and/or hybrid delivery teams.		•	Interview

## 9. Special Features

This role may require some working outside of core office hours. This is to support website upgrades, internal and external customers and suppliers with any digital based application or integration

<b>Jobholder Signature:</b>	
<b>Manager Signature:</b>	
<b>Date:</b>	