



## Apply here

### Start date

Flexible, 2018

### Duration

6 months

### Languages

Good spoken and written English levels are required (B2 onwards)

### Location

Cardiff, Wales

Cardiff is the Capital city of Wales. It is a highly desirable and modern city to work and live, offering a bustling and exciting lifestyle of shopping, sport, high-tec industry and social experiences coupled with unrivalled countryside and a famously warm welcome.

### Are you eligible?

Are you a registered student?  
Or

Are you eligible to participate in the Erasmus+ programme?

### Benefits

See website for details of all ESPA benefits. For all internships over 6 months, additional benefits will be paid. Details available at interview.

## Role

This is a fantastic opportunity for a proactive Software Developer to gain practical experience within this expanding host company who provide niche digital business solutions. Mentored throughout by experienced developers, you will be developing technologies to smooth and automate manual processes for e-commerce, travel, recruitment and other sectors. For the selected individual, this will be an invaluable industry experience and great addition to the CV.

## Tasks

- Working with Java platform and developing the NoSQL persistent data store (Mongo)
- Helping the integration of disparate data sources from direct SQL to web services
- Helping to construct algorithms
- Describing and designing a system in terms of data structures and algorithms, in order to participate effectively in core design workshops
- Writing the most efficient, scalable and robust code possible, and to continuously improve your ability in this area
- Researching and using new libraries and projects as needed to add new platform capabilities to complete our roadmap

## Personal Skills

- Degree in Computer Sciences and Maths related
- Strong Java and Object-Oriented Development skills (OOD) are an absolute must
- Knowledge of SQL, NET platform, Linux and Mongo
- A self-motivated mind-set with a desire to solve problems
- Willingness and confidence to speak directly with clients
- Knowledge of testing, UI, business logic and persistence
- Understanding and knowledge of Microservices

## The Host Company

This successful host company specializes in providing customer-first digital technology for travel providers, tourism organisations and tour operators to drive sales and enable success in this competitive marketplace. Consisting of three successful digital and technical companies, they provide a full travel booking system, intelligent e-commerce technology and a creative digital design service including App development, UX/UI and digital marketing. Having recently acquired a company in Canada, these are exciting times for this expanding organisation.