Trusted technology partner to the **education sector**

Flexibility and scalability in a changing landscape

Delivering technology **excellence**

Nash Tech.

Who we are

NashTech are experts in technology, delivering smart solutions that solve business challenges and create value. Our award-winning teams apply deep expertise and passion to deliver complex IT projects globally.

Our approach brings together flexibility, reliability and accelerated product innovation to recommend and deliver outcomes that will meet and compliment your wider goals and ambitions. From technology advisory to robotic process automation, from application development to data driven insights, from customer experience to application maintenance, we have the solutions to deliver customer vision.

What we do

We deliver digital solutions utilising our agile, solution-focused approach, leveraging mainstream and emerging technologies to build robust, scalable and secure digital solutions.

As a trusted partner, we work in close collaboration with you to ensure you realise the value of your software earlier.

Our solutions

Technology advisory

Cloud engineering

Data solutions

AI and machine learning

Application engineering

Maintenance and support

Quality solutions

Business process solutions

Technology must deliver an engaging student experience, drive operational efficiency and leverage data to revolutionise decision making

A time of disruption and opportunity

There is huge potential for universities that embrace digitisation to expand their reach beyond campuses and cities, enhance the student experience, reduce operational costs and diversify their revenue streams. This is where having a partner like NashTech becomes vital.

Featured solutions

Student experience applications

Development of a suite of portals and applications across the student journey, covering admissions, student information systems, loan applications and accommodation.

Virtual learning environments

Comprehensive custom Moodle VLEs, leveraging both bespoke features, plug-ins and integrations to enrich platform functionality, for both on-premise and cloud-based instances, as well as cloud migration and comprehensive testing services.

Invigilation and assessment tools

AI powered services to validate participants in online exams, with multi-point verification including image recognition and key-stroke pattern detection. ML driven course assessment leveraging NLP and deep learning to increase accuracy and efficiency at scale.

Data driven decision making

Data capture and analysis tools to enable better decision making across the organisation. These tools will help achieve stronger outcomes in recruiting students, analysing and predicting student behaviours and understanding student patterns.

And also:

Training, support and e-learning systems

Loans and accommodations portals

Student lifecycle management systems

Course content creation tools

Admission portals

A trusted partner

Our centres are ISO 27001 accredited. We protect your information as if it were our own.

Robust governance

Our quality management system (QMS) underpins everything that we do. Our quality assurance service provides end-to-end support across the entire software lifecycle and at all stages of development, from concept to release and beyond.

Digital safety and IP

We have 20+ years' experience working within the regulatory environments in which warehouses, freight and distribution companies operate. We always provide solutions that adequately mitigate risks for data security breaches and are clear about ownership of IP.

Expert onshore-offshore engagement

Our engagement model is designed specifically to meet the challenges of international software development. We successfully deliver projects using an onshore-offshore model where you have a locally based engagement manager, plus an offshore project manager and business analyst.

Our customers

"NashTech currently provides IT development for the site, which hosts over 15,000 free courses, videos and educational interactives and which reaches over 8.5m people a year.

NashTech's involvement has been critical to delivering robust development deploys for the last two years, its offshore team going the extra mile when needed. They are the hidden, but vital, element to a smooth-running platform that showcases the very best of Open University teaching to the world."

Dr. Patrina Law
Head of OpenLearn, Open University

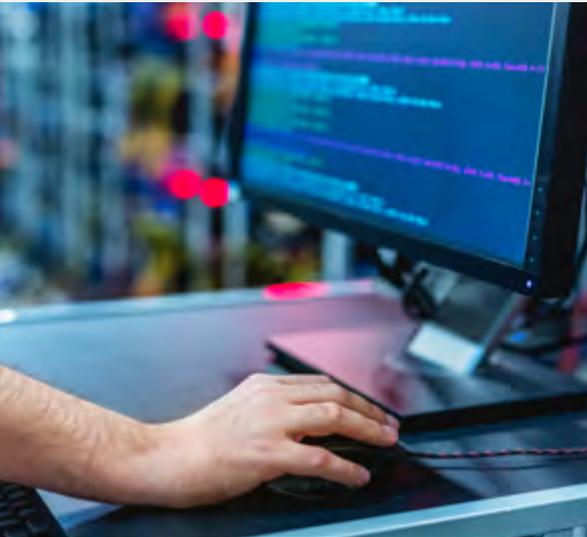# Major upgrade of OpenLearn, the free online learning platform

Outcome

We successfully transformed the OpenLearn platform to be optimised for mobile, improved the user experience, and secure for all users.

OpenLearn was successfully transformed to be optimised for mobile, with an improved user experience, and greater security for all users in 2017.

NashTech continues to work with The Open University, continually improving these capabilities, while adding new features.

Company overview

Since its launch in 2006, the OpenLearn platform has become an integral part of The Open University, with the site attracting over 8.5 million visitors a year. It hosts nearly 1,000 free courses and more than 11,000 hours of learning content.

Client name: The Open University
Service: Online Learning Platform
Industry: Education
Location: UK

The challenge

Operating at scale presented a number of IT challenges which included mobile compatibility across all operating systems, OpenLearn platform and page loading times, maintaining business continuity for both staff and students, and ensuring GDPR compliance of all personal data. Having had multiple suppliers in the past also caused inconsistencies in workflow processes and produced conflicting coding practices. The Open University needed to address these challenges while keeping site downtime to a minimum.

The Open University appointed NashTech to deliver:
1. A user friendly easily navigable site structure
2. The platform for use on mobile devices
3. Security and code quality

The approach

A NashTech onsite project manager was seconded to The Open University, who worked closely with a team leader fluent in the English language to ensure strong and open communication channels between teams..

NashTech's software development experts also worked closely with The Open University's internal stakeholders, working through the design and functional requirements to agree on the platform architecture, design, feature backlog and key priorities.

The solution

We delivered to a phased implementation plan over a six month period to minimise any disruption to the service. With high traffic priority pages and new navigation in place, the next step was to optimise all other pages on the site.

Rapid deployment of new careers guidance platform for UK EdTech

Company overview

U-Explore is a UK based EdTech company specialising in careers guidance. They aim to ensure that every young person has access to the best information, advice and opportunities that will shape their future, regardless of who or where they are.

- **Client name:** U-Explore
- **Service:** Career Guidance Platform
- **Industry:** Education
- **Location:** UK

The challenge

U-Explore needed to get its product to market fast - a new platform for career guidance within an evolving market opportunity, while working within tight budget constraints. They needed to select the right solutions and features without compromising on quality.

U-Explore had also wanted to adopt agile approaches to its application development and depart from their existing burdensome applications, but given their budget constraints, they weren't sure if this would be possible to achieve.

The approach

NashTech was engaged as an agile development partner to build a new platform tool for content management that would enable U-Explore to deliver its contracted commitments to its first customer - strictly time boxed and on budget.

The solution

NashTech was able to introduce an advanced micro services architecture using agile methodologies and robust engineering principles. They were able to meet all of U-Explore's objectives by working collaboratively with the product owners, and NashTech built a platform that can be continually developed with new features added as required.
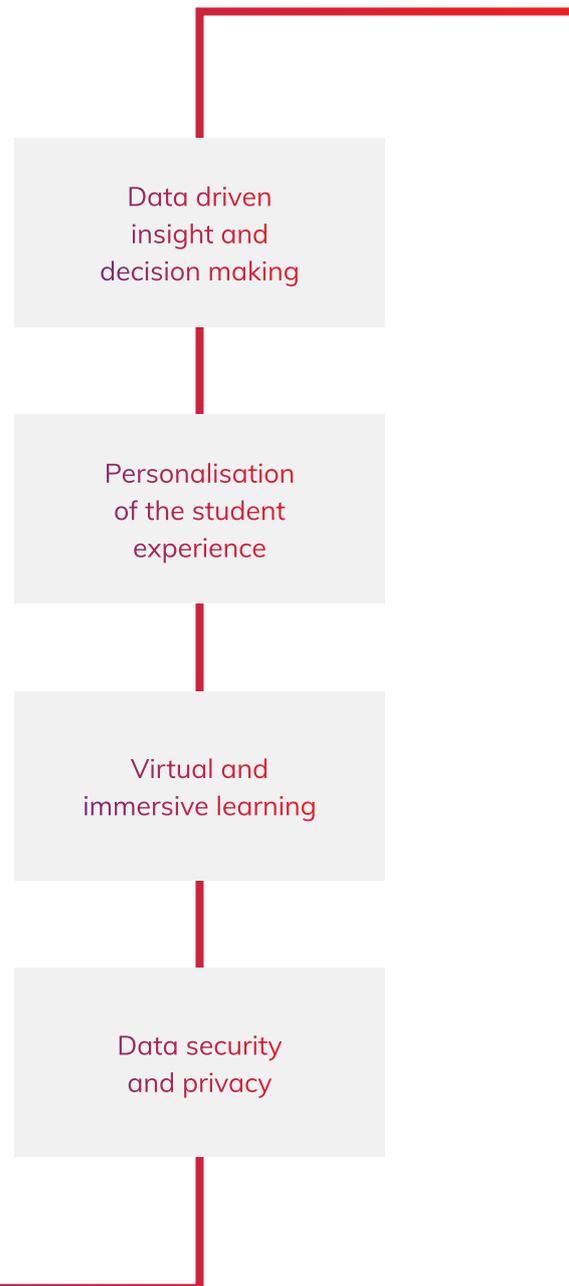
The use of tools such as Jira and Teams plus flexibility to apply different approaches, such as Scrum and Kanban, allowed the company to assess and select different features and thereby maximise the value delivery within their time and budget constraints.

Outcome

We developed a new career guidance platform with with an advanced micro services architecture.

Throughout the project engagement, U-Explore identified new target audiences and use cases for the platform. Our governance and adaptable delivery allowed U-Explore to quickly include new features, to help U-Explore assess and decide on the best approach for them and then update the delivery plan.

As well as delivering value early, this has allowed U-Explore to exploit new business opportunities quickly and move towards becoming an Agile enterprise.

Emerging technology and future trends

There is a big opportunity for universities, secondary, and further education colleges to use data as an asset through learning analytics and artificial intelligence (AI).

We are seeing the following trends and priorities within transformational universities:

Data driven
insight and
decision making

Personalisation
of the student
experience

Virtual and
immersive learning

Data security
and privacy

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For more details, please send your enquiry to **info@nashtechglobal.com** or visit our website **www.nashtechglobal.com**

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