

ilaria
Digital School

TRAINING FOR ORGANISATIONS

Full-Stack Software Developer Pathway

Train in-house the developers you cannot hire, from beginner to degree level, with a regulated UK diploma at the end of every stage.

1 to 3 stages
about 12 months each, one diploma per stage

Levels 4 to 6
OTHM diplomas regulated by Ofqual

from €1,250
by country, per stage

OTHM Level 4 Diploma (610/1191/5), Level 5 Extended Diploma (610/2571/9) and Level 6 Diploma (603/3789/8) in Information Technology, awarded by OTHM Qualifications, a UK awarding organisation regulated by Ofqual

01

WHAT'S AT STAKE

Why train your staff

Developers remain hard to recruit. Training an employee who already knows your business, your tools and your clients is often faster and more lasting than hiring.

The pathway teaches by doing: a real piece of work at the end of each unit, roughly every six weeks, from a web application built and deployed to a database designed and secured and a project managed from proposal to post-mortem.

Starting level

Aged 18 or over, a relevant Level 3 qualification or 21+ with relevant work experience, English at B2 level, at ease with computers. No programming experience required. Direct entry at Stage 2 with a Level 4 diploma in IT, at Stage 3 with a Level 5 qualification in computing or two years of higher education in a computing subject.

02

THE SKILLS

What your staff will be able to do

01 Design, build, secure and deploy web and mobile applications.

02 Program in JavaScript, and in Python or PHP.

03 Model, query and secure SQL and NoSQL databases.

04 Test and industrialise software: automated tests, Docker, CI/CD, documentation.

05 Design multi-layer architectures and manage IT projects with Scrum.

06 Analyse data in Python and align information systems with strategy.

What your organisation gets back

Each unit ends with real work delivered, building a portfolio, including:

- a web or mobile app, built, deployed and demonstrated
- a database designed, built, secured and tested
- a real project managed end to end, from proposal to post-mortem
- at degree level, a working e-commerce site and a mobile app, defended

03

THE CONTENT

Programme

Details on ilaria-academy.com/en/course/full-stack-software-developer-pathway

STAGE 1 · WEB DEVELOPER FOUNDATIONS, OTHM LEVEL 4 DIPLOMA (120 UK CREDITS)

01 Computer and Network Technology
Hardware, Linux, networks.

02 Principles of Computer Programming
JavaScript, Python or PHP, OOP.

03 Systems Analysis and Design
Data modelling, Figma, UML.

04 Managing Digital Information
MySQL, MongoDB, governance.

05 Web and Mobile Applications
Angular or VueJS, NodeJS, Git.

06 Cyber Security
OWASP, hardening, cryptography.

STAGE 2 · FULL-STACK DEVELOPER, OTHM LEVEL 5 EXTENDED DIPLOMA (240 UK CREDITS IN TOTAL)

07 Advanced Systems Analysis and Design
Specifications, UML, patterns.

08 Database Systems
Advanced SQL, ORMs, MongoDB.

09 Software Engineering
Testing, Docker, CI/CD.

10 Network Information Systems
Client-server, administration.

11 Management Information Systems
ERP, CRM, BI, indicators.

12 IT Project Management
Scrum, planning, risks, budget.

STAGE 3 · SOFTWARE ENGINEERING, OTHM LEVEL 6 DIPLOMA (120 UK CREDITS)

13 Advanced Computer Networks
Routing, VLANs, cloud, security.

14 Advanced Database Management Systems
Tuning, distributed databases.

15 Advanced Data Analytics
pandas, visualisation, ML.

16 Management Information Systems (advanced)
IS strategy, data governance.

17 Computers, Society and Law
GDPR, ethics, licences.

18 Computing Projects
E-commerce site and mobile app.

04

HOW IT RUNS

How it works

Every company project is built with you. Format, rhythm and schedule are not imposed: we can handle them all, and we adapt them to your organisation.

What we adapt to your organisation

The format

At your premises, remotely or a mix of both: we choose together, according to your staff and your sites.

The rhythm

Full days, half days, short sessions or a longer programme: the schedule follows your staff's workload, not the other way round.

The group

One employee joining an open session, or a group dedicated to your organisation.

The content

Examples, exercises and a running project built on your tools, your data and your challenges.

The steps of a project

1

Scoping

We define the objectives, format, rhythm and schedule with you.

2

Positioning

Each participant takes a positioning interview and test, so the pathway matches their level.

3

Training

Short inputs, hands-on practice and a running project based on your organisation's case.

4

Follow-up

Progress reviews throughout the course, shared with the sponsor.

5

Qualification

Every unit assessed on the work delivered, then the OTHM qualification is awarded.

What HR keeps track of

- Progress reviews throughout the course
- Quote, training agreement, attendance and completion certificates
- Each participant's OTHM results, e-certificate and transcript

Assessment: no exams. Each unit is assessed through written assignments and practical work based on professional scenarios (reports, builds, labs), marked by the tutor, quality assured internally, then externally verified. One resubmission per assignment as of right.

Our open intakes

Our open intakes run 100% online on Microsoft Teams, live in English: half-day classes Monday to Thursday mornings, Fridays dedicated to coaching.

A stage takes about 12 months over three terms. Every session is recorded, and each participant has individual coaching every week.

05

THE OFFER

Formats and fees

Open enrolment

Your staff join an open intake, stage by stage.

By country

see the grid below

In-company

An intake dedicated to your organisation.

On request

depending on group and format

Tailored

A pathway adapted to your stack and your projects

On request

depending on the programme

Fees by country

Our fees are adjusted to each country, so that the same programme, the same live classes and the same weekly coaching stay within reach wherever you live.

	Zone A Western Europe, North America, the Gulf, Australia, Japan	**Zone B** South Africa, Algeria, Brazil, China, Türkiye, the Balkans	**Zone C** West and East Africa, Morocco, Tunisia, South Asia
Stage 1	**€1,800**	**€1,350**	**€1,250**
Stage 2	**€1,800**	**€1,350**	**€1,250**
Stage 3	**€1,150**	**€850**	**€650**
Full pathway, Level 4 to Level 6	**€4,750**	**€3,550**	**€3,150**

All-inclusive: tuition, live classes, weekly coaching, assessments, awarding body registration and e-certificate. No hidden fees. Pay in full, or in several instalments over your course. Payment in your own currency is possible. Prices in euros, taxes included where applicable.

Next intakes · open sessions

Three intakes a year (January, May, September), next date on request.

Apply at any time and join the next intake: free English placement test, admission interview, then a positioning test that confirms the entry stage (1, 2 or 3).

Payment

As of 31 October 2026

Payment plans Pay in full or in several instalments over the course, in your own currency if needed.

Our admissions team goes through fees and payment plans with you, with no obligation.

06

BEFORE YOU START

Questions to ask yourself

Which developer role do you want to fill, and on which technology?

Which employee has the aptitude and the logical mind for this job?

Which stage should they start at, and how far should they go?

How much time a week can they give to the course?

Who will mentor them technically inside your organisation?

Next steps

01

A 30-minute call

The target role, the employee's profile, the right rhythm.

02

Placement test, interview and quote

English check and admission interview for each participant.

03

Intake

Start at the next intake: January, May or September.

ilaria
Digital School

FULL-STACK SOFTWARE DEVELOPER PATHWAY

Let's talk about your project

formations@ilaria-academy.com