

TRAINING FOR ORGANISATIONS

Full Stack JavaScript Web Developer (MEAN)

Your staff build complete web applications in JavaScript, from the MongoDB database to the Angular interface.

750 h
of training, about 107 days

RNCP37805
level 5 title (Bac+2)

On request
per participant

RNCP37805 “Web Developer” certification, level 5 (Bac+2), awarded by Webecom, registered on 19 July 2023

01

WHAT'S AT STAKE

Why train your staff

The MEAN stack (MongoDB, Express, Angular, Node.js) builds a whole application with one language, JavaScript, on both server and client. Businesses look for developers who master it.

This specialisation covers the full stack web developer foundations, then teaches your staff to model the data, build the back-end with Express and Node.js, develop dynamic interfaces with Angular, then structure and deploy the whole application.

Starting level

No specific prerequisites: strong motivation and an interest in IT are enough. The course is open to all, without experience, without a higher diploma or the baccalaureate. A positioning test guides each participant to the right course.

02

THE SKILLS

What your staff will be able to do

01 Analyse a specification and model the data of the application.

02 Create and query a NoSQL database with MongoDB, and a relational one with SQL.

03 Build fast, scalable web servers with Express and Node.js.

04 Develop dynamic and interactive interfaces with Angular.

05 Secure the application, manage user roles and comply with the GDPR.

06 Test, version with Git and deploy an application to a server.

07 Work as a team with Agile and Scrum.

What your organisation gets back

The course is built around projects you can link to a real need of your organisation:

- a full stack web application: MongoDB database, Express and Node.js server, Angular interface
- a documented data model
- an application tested and deployed to a server
- an employee able to maintain it and make it evolve

03

THE CONTENT

Programme

Details on ilaria-academy.com/en/course/web-developer-javascript-mean-specialization-mongo-express-angular-nodejs

01 Project management
Agile, Scrum, specifications, Git and GitHub.

02 Front-end foundations
HTML5, CSS3, Bootstrap, JavaScript, responsive design.

03 Ergonomics and visibility
Accessibility, Atomic Design, SEO.

04 Software design
Algorithms, architecture, programming paradigms.

05 Data
Merise and UML modelling, SQL, MongoDB and NoSQL.

06 Node.js and Express
Server-side JavaScript, REST API.

07 Angular
Modern, responsive and modular web applications.

08 Other stacks
React and React Native, PHP or Python.

09 Quality and security
Software testing, web security, GDPR.

10 Production
Deployment to a server, cloud computing.

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 test, so the course 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 at every stage, shared with the sponsor.

5

Validation

Final assessment and the certification test.

What HR keeps track of

- Progress reviews at every stage
- Training agreement, attendance records and completion certificates
- Each participant's certification result

Certification: professional situations in the form of projects, under the RNCP37805 standards set by France Compétences. The certification test takes place in the last week of training. If an internship is carried out, the tutor assesses it.

Our open intakes

Our open intakes run in person, remotely or blended, as an intensive bootcamp: practical workshops that combine theory and application.

Several intakes a year, with evening or weekend classes possible.

05

THE OFFER

Formats and fees

Open enrolment

Your staff join an open intake.

On request

per participant

In-company

A group dedicated to your organisation, on your dates.

On request

depending on group and format

Tailored

A course adapted to your stack and your projects.

On request

depending on the programme

Next intakes · open sessions

Several intakes a year, next date on request.

Start two to three working days after your registration, funding and positioning test are validated.

Funding

As of 31 October 2026

Your training budget	The course can be paid from your organisation's skills development budget.
Funding schemes	Our programmes are eligible for professional training funding schemes: we tell you which ones apply to your organisation.

We put the funding file together with you and provide the quote, programme and training agreement.

06

BEFORE YOU START

Questions to ask yourself

Which application do you want to build in JavaScript?

Which employee has the taste and the logic for this job?

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

Who will mentor them technically inside your organisation?

Who pays: your training budget or a funding scheme?

Next steps

01

A 30-minute call

Your context, the participants' profile, the right format.

02

Quote, programme and agreement

Everything your funder needs.

03

Start

Positioning test for each participant, then the first session.

ilaria
Digital School

FULL STACK JAVASCRIPT WEB DEVELOPER (MEAN)

Let’s talk about your project

formations@ilaria-academy.com