

ilaria
Digital School

SERVICES FOR ORGANISATIONS

# Full stack development consulting

From choosing technologies to optimising an existing application: web applications that are consistent from front end to back end, fast and secure.

**3**
services, from analysis to optimisation

**5**
steps, from scoping to follow-up

**On request**
based on project complexity and the length of the engagement

01

WHAT'S AT STAKE

# The whole picture, from front end to back end

**A web application has two sides: the interface your users see (front end) and the server logic, databases and APIs (back end). Designed together, they make a more consistent application whose problems are solved faster.**

Our consultants analyse your needs and technical constraints, recommend the right architecture and technologies, develop or optimise your applications, then monitor the project until its goals are met.

We work in particular with JavaScript (Angular, React, Node.js, Express.js), PHP and Python (Django).

### What you gain

- More flexibility to meet your needs and your market
- Better-performing applications, for your customers
- Lower costs, without redundancies or avoidable errors
- Faster time to market

02

THE FORMATS

# Three services for your project

You are starting a project or want to improve an existing application. The scope is set with you once your needs have been analysed.

### Analysis and recommendations

Project requirements, business goals, technical constraints: we recommend the architecture, such as MEAN or MERN, and the right languages.

YOU GET

**Reasoned technology choices and an implementation plan.**

### Front end and back end development

Interactive interfaces with Angular or React, server logic, databases and APIs with Node.js, PHP or Python.

YOU GET

**A consistent web application, from interface to server.**

### Optimising an existing application

Performance analysis, bottlenecks, code review and refactoring, security.

YOU GET

**A faster, more secure application that is easier to maintain.**

03

HOW IT RUNS

# From scoping to follow-up

We work in an Agile way: rapid iterations, adjusted to user feedback and testing. Here is how it typically runs.

1

**Needs analysis**

Project requirements, business goals, technical constraints.

2

**Recommendations**

The architecture, frameworks and languages suited to your project.

3

**Implementation plan**

Technology choices, timeline, deployment that minimises business interruptions.

4

**Development**

Rapid iterations, Git, continuous integration and deployment, automated tests.

5

**Follow-up and adjustments**

Progress, performance, adapting to changing needs.

## Security and performance, built in

Our consultants build security and performance practices into development, for a smooth experience and a protected application.

**Authentication, authorisation and data encryption**

**Caching and query optimisation**

**Optimised front end resources: images, scripts**

04

WHO DOES WHAT

# What we handle, what you bring

### What you get

Reasoned choices and an application ready to evolve.

- Architecture and technology recommendations
- The implementation plan
- A developed or optimised application, with reviewed code
- Code under version control, tested and deployable

### Our part

- Needs analysis and technical recommendations
- The implementation plan and timeline
- Front end and back end development
- Performance and security optimisation
- Project monitoring and adjustments

### Your part

- Your business goals and constraints
- Access to your existing application and code
- Contacts for feedback and testing
- Your timeline and deployment constraints

05

THE OFFER

## A quote sized to your project

**Each engagement is built for you. We agree on payment terms and a clear budget from the start of the project.**

**On request**

**What shapes the quote**

- The complexity of the project
- The length of the engagement
- The services required: consulting, development, optimisation
- Billing: hourly, per project or at a fixed monthly rate

The timeline is set with you in the implementation plan.

### Would you rather train your team?

The “Full Stack Web Developer” course prepares your developers for front end and back end.

**ilaria-academy.com/en/course/full-stack-front-end-and-back-end-web-developer**

06

BEFORE YOU START

# Questions to ask yourself

Are you launching a new application or evolving an existing one?

Which technical constraints apply to you: languages, databases, integrations?

Where does your application slow down today?

How do your front end and back end teams work together?

Do your deployments interrupt your business?

## Next steps

**01**

**Write to us**

Your project, your technical context and your goals.

**02**

**Analysis**

A discussion to pin down your needs and constraints.

**03**

**Quote**

A detailed proposal and a clear budget.

ilaria
Digital School

FULL STACK DEVELOPMENT CONSULTING

# Let’s talk about your web project

formations@ilaria-academy.com