# Advanced Software DEVelopment

24 january - 22 april 2022

Be a Full Stack Developer!

The Professional Course in Advanced Software Development will transform you into a full-stack developer capable of developing software from databases to front-end.

The technologies of this course are among the most used in the world for the software development: knowing these programming languages will open you the doors to the job market.

The course is created and promoted by AlbaNSI Shpk, the first software house in Shkoder, in collaboration with the Italian Agency for Development Cooperation and the Polytechnic University of Marche. Other important partners are: Globe ICT & Language Education, Regional Directorate of the National Service for Employment Shkoder, AVSI Foundation e IBIS.

## What will you learn?

During the course you will have the opportunity to know and put into practice these topics:

1. JavaScript & Typescript
2. Object-oriented programming in JAVA
3. AJAX, XML and JSON
4. Databases with ORM - Postgres and hints of NoSQL DB
5. Back end – JAVA & Spring Boot
6. Front end – React
7. Mobile programming – React Native
8. Agile Methods for software project management

Perhaps you are asking yourself: "Will the Professional Course in Advanced Software Development be the right one for me?"

ASDEV is the right professional course for you if:

- You know the basics  of  programming logic
- You minimally have a  High School Diploma  or are enrolled in the last year of a High School with an IT specialization
- You know very well the English language,  both oral and written

## HOURS OF LESSONS

The course will be divided into theoretical lessons and project work:
150 of theoritical lessons
200 of practical exercises, supervised by teachers, to consolidate the theoretical notions acquired.
The final calendar of the course will be provided upon registration procedures.
A final exam is scheduled at the and of the course, in order to obtain the degree.

## TEACHERS

The lessons will be held by Italian lecturers from the Polytechnic University of Marche and
by professionals who are experts in Agile Methodologies.

## ADMISSION TEST

To access this exclusive course it will be necessary to pass an admission test to validate the minimum
participation requirements.The test will be held, always in presence at the Alba NSI headquarters, on
Wednesday 19 January 2022.
Registration for the admission test will be open until 17th January 2022 inclusive.
The course is reserved for 20 students.

## INTERNSHIP

The course will take place in physical attendance at the AlbaNSI headquarters in Shkodra, where a
classroom with the latest generation laptops is set up for students. Obviously, all anti-Covid19
restrictions will be respected.

## HOW TO PARTECIPATE

It is expected, for the most deserving students, a 3-month internship at AlbaNSI, the first
software house in Shkoder or other enterprises of primary importance. The internship will be
an opportunity to put into practice, in a real context, what was acquired during the course.

## COST AND SCHOOLARSHIP

37.500 lek
The payment will be made only after passing the admission test.
In case of need, it will be possible to apply for a scholarship. Your request will be evaluated
by the management staff, after presenting the necessary documentation required.

See you in class?

But remember to sign up for the admission test first!                albansi.com/asdev