

# I can help you becoming a full stack developer:

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## Presentation:

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Become a full stack developer with my help! I have more than 10 years experience as a teacher and 3 as a software developer!

This course aims to teach you not just the most used tools the market is using right now (2022), but also: fundamentals of computer science (which are very important for a complete developer) and market best practices and organization methodologies.

All of that with 34 projects where you are going to learn by DOING!

And, during the course, if I fell like you are prepared I can help you getting a job (not guaranteed, but I will do my best).

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## Study program:

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### 1. **Software development fundamentals** - 30 lessons

1. GitHub - 3 lessons
2. Html & CSS: intro \* - 4 lessons
3. Introduction to JS and programming logic \* - 4 lessons
4. JS: DOM, events and WebStorage \* - 5 lessons
5. HTML & CSS: Forms, flexbox, responsive \* - 6 lessons
6. JS ES6 & unit tests \* - 3 lessons
7. HoF \* - 5 lessons

### 2. **FrontEnd**: - 21 lessons

1. JS & async tests \* - 3 lessons
2. Intro to React \* - 2 lessons
3. Components, state, events and forms \* - 2 lessons
4. Life cycles \* - 2 lessons
5. Agile methodologies \* - 1 lesson
6. Automated tests: RTS \* - 3 lessons
7. Redux \* - 5 lessons
8. Project
9. Context API & Hooks \* - 3 lessons
10. Project

### 3. **BackEnd**: - 41 lessons

1. Docker Intro \* - 3 lessons
2. SQL Intro \* - 4 lessons
3. SQL Advanced \* - 3 lessons
4. Creating APIs \* - 5 lessons
5. Architecture \* - 3 lessons
6. ORMs & authentication \* - 4 lessons
7. Deployment \* - 2 lessons
8. Typescript \*\* - 3 lessons
9. OOP e Solid \* - 5 lessons
10. Project
11. MongoDB Intro \* - 5 lessons
12. MongoDB + API + OOP \* - 2 lessons
13. Project
14. VPS + CI/CD + DNS - 2 lessons
- 15.

### 4. **Computer science**: - 20 lessons

1. Intro to python \*\* - 3 lessons
2. Design Patterns \* - 3 lessons

3. Web Scraping \*\* - 3 lessons
4. Algorithms \* - 3 lessons
5. Data structure I: Arrays, Lists, Queues, Stacks \* - 4 lessons
6. Data structure II: HashMaps, Set \* - 2 lessons

\* A project is included at the end of this subject \*\* This subject can be skipped if you want to do BackEnd and CS classes using C# - if you choose to skip these lessons the total price of the course will be reduced accordingly

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## Course routine:

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I offer 3 possibilities: 1. 1 class / week 2. 2 classes / week 3. 3 classes / week (weekend included)

A normal class day consists of: 1. I send you the material to be studied in ADVANCE to our class: 1h30 - 2h30 of studies 2. I give you a class: 1h or 1h30 (to be agreed) 3. You do the exercises or project: 2h - 3h exercises / 1 week project 4. Both projects and exercises have automated correction, if you need personalized help you can pay for single monitoring sessions

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## Prices:

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1. Price / lesson: \$90 / 1h or 120 / 1h30min
2. Price for the material ~~5.000~~ - free
3. Single monitoring session (to solve doubts about exercises): \$50 / 1h

### Optionals:

1. CV and Pitch consulting: \$150 / 1 session (1h30min)
2. Job interview simulation: \$300 / 1 process (3 interviews: 1 of 30min, and 2 of 1h)

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## Full course price:

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1. 1h lesson:  $90 * 112 \text{ lessons} = \$10.080$
2. 1h30 lesson:  $120 * 112 \text{ lessons} = \$13.440$

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## Details:

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\* All this course codes MUST be written in english, this is to help you, because it's the standard of the market!

### Lesson + project quantities:

1. 112 lessons
2. 30 simple projects + 4 complex projects

Default durations: 1. Simple project: 1 week 2. Complex project: 2 week

### Course duration:

1. 1 class / week: 2 years and 4 months lessons + 9 months projects = 3 years and 1 month
2. 2 classes / week: 1 year and 2 months + 9 months projects = 2 years and 2 month
3. 3 classes / week: 9 months + 9 months projects = 1 year and 6 months

\* Plus eventual extra time to finish projects \*\* The durations can be even more reduced if you are capable, and I have the time, to do more than 3 lessons per week OR if you are capable of having 2 subjects on the same class (this last option WON'T change the total price of the course)

## Payment conditions:

1. Monthly: All the classes of a month are paid at the end of that month - no discount
  2. Monthly ahead: All the classes of a month are paid at the beginning of that month - 5% discount (\$9.576 / 12.768)
  3. 50 - 50: 50% paid at the beginning of the course, 50% paid at the end - 7.5% discount (\$9.324 / 12.432)
  4. Paid ahead: The whole value is paid ahead - 10% discount (\$9.072 / 12.096)
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## I can help you get a job:

1. If you are performing well during our class and I feel like you are ready to enter the market before the end of the course I can help you getting a job since I have contacts with many companies (not guaranteed, but I will do my best).
2. If needed I can help you creating a CV and a pitch to help you with job interview (see prices section).
3. If you get a job before the end of the course we can either reduce the number of lessons / week and increase the time to deliver each project OR we can transform the rest of the course on mentoring sessions so that I help you with your day to day activities at work (if you have chosen 50 - 50 payment you MUST pay the rest of the course even if you get a job).