



# Web Development Course

12 months + 2 months internship  
courses finish every month

English (min. B1)  
German (min. B1)

Berlin. Düsseldorf. Hamburg. Leipzig.  
Frankfurt. Munich. Online.

## Aim of the course

Our Web Development course is developed for people from diverse backgrounds who pursue a career in the digital industry. The course is designed to meet the needs of career changers and qualifies people to start their careers in Web Development on a permanent or freelance basis.

## General requirements

No programming knowledge required, good analytical thinking skills, at least a intermediate secondary school diploma, high school diploma or general university entrance qualification, successful completion of an orientation measure or assessment in the IT field.

## Curriculum



Our curriculum is split into 6 different modules. Each module is taught by a different teacher whose subject area is that particular module. At the end of each module, participants put their knowledge into practice through a small project.

### Basic Digital Literacy

Learning how to create, view and manipulate files & folders, be able to use tools such as git and GitHub. Getting to know the fundamentals of information and communication technology, web development and learning tools and understanding the concept of programming.

2 Weeks

### User Interface Basics

Learning how to plan, and create user interfaces, how to design simple wireframes and implement them using HTML5 & CSS3. Introducing common development workflows using different build tools and layout models and creating a landing page using Bootstrap and publishing it on GitHub pages.

9 Weeks

### Programming Basics

Learning how to ensure that a website and its landing pages are optimized well enough for their marketing campaign, regardless of its goal (awareness, consideration, conversions). Learning tool-independent visual design theories and principles to create marketing materials (banners, social media artwork, etc.) that are consistent with a brand's image.

9 Weeks



### SPA - Single Page Applications

Working with the DOM API to manipulate documents using JavaScript and understanding the basics of working with asynchronous code. Learning to develop and deploy single page applications using React and understanding and employing reusable components to create web applications.

9 Weeks

### Backend Development

Learning how to design, create and maintain backend applications using Node.js and Ex-press, understanding and using databases to store, manipulate and retrieve data. Getting to know the role of RESTful API servers in the current web development landscape and learning how to deploy servers and databases to third party service providers.

9 Weeks

### Final Project

Planning and developing a larger project with a real life use case in teams using one of the agile methodologies to manage it. Including ideation, project planning, project management, software development, testing and finally presenting the project with a slide deck in front of a crowd.

7 Weeks

## MO - DO / 9 AM - 4 PM Web Development Class



### Soft Skills

**Aim:** Introducing the fundamentals of communication within teams and conflict communication, basic concepts of intercultural competence and team dynamics as well as the fundamentals of good presentations. Developing a growth mindset and strengthening participant's self-marketing abilities.

64 Lessons

### Language Courses German / English

**Aim:** Enabling participants to improve their language competence in workplace-oriented situations according to the Common European Framework of Reference for Languages (CEFR). Improving listening and understanding skills, writing and reading skills as well as their conversational skills.

20 Lessons

### Mentoring

**Aim:** Practically deepening the contents learned in the course and expanding skills and competences through practical projects and exercises under the supervision of a teacher. Independently developing and implementing solutions to problems.

96 Lessons

## FR / 9 AM - 4 PM Mentoring & Language Class

## In what positions do graduates work?

Graduates work in positions such as (Junior) Frontend or Fullstack Developer, Software Developer, IT Consultant and many more.

## What else do we offer?

Besides teaching coding skills, we focus on the entire package. Therefore, our courses include working on practical projects, GitHub education, mentoring, language courses (English & German), soft skills training and job coaching.



**Want to learn more?**

Our Career Success team looks forward to partnering with you and helping you find your perfect match.



## Your personal consultants at DCI



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