Full Stack Web Development

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SPICED

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If you work
hard and you're
prepared to
leave your
comfort zone,
you'll be amazed
at what you're
capable of.

"

Stephan Leece
Now Full Stack Web Developer @ Grover

Hello!

Frederik
Spiced Founder

We started Spiced in 2015 with the goal to provide people with a modern approach to education.

We believe that people should be able to change their careers at any point in their lives, and we endeavour to provide our students with a hands-on education that will ensure they're ready to perform on their very first day of work.

Whether you're considering a career change, upskilling, or just adding to your current skill set, you're embarking on an imortant and exciting time in your career.

Thank you for considering Spiced as the first step.

Frederik and the Spiced team

Contents

Introduction

Here's a quick introduction to what we do.

◥ Our Full-Stack Web Development Program is a full-time, 12 week intensive course based on-site at one of our campuses around Germany.

Our rigorous course is designed to get you ready to perform on day one of your new career. You'll work on successive real-world projects as you hone your abilities in Javascript, HTML, CSS, jQuery, MV Frameworks, Node.js, SQL and more.

It's not all about code, either. You will gain indispensable skills in complex problem solving, critical thinking and effective communication. A significant part of the course is focused on career development, meaning you will learn interview techniques, get resume help, career guidance, LinkedIn tips and guidance throughout the first stages of your job search.

At Spiced, we take the word 'bootcamp' seriously - it's 12 weeks of hard work! It's also creative, exciting, and hugely rewarding. After 12 weeks, you'll be amazed at the things you can build. Best of all, you'll have taken your first steps on an exciting new career path.

Detailed Curriculum

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I wanted to learn JavaScript and Spiced offered a Full Stack Web Development program with a curriculum that sounded great. After graduation, I joined eBay in Germany. Now I get to attended exciting conferences and work on my own projects. I love being a developer as I get to create things that people actually use.

"

Parinaz Roghany, Berlin
Now Full Stack Web Developer @ eBay

Prep Course

(60-80 Hours)

The purpose of the Prep Course is to get you prepared for your 12 weeks on-site course. If you really focus on this part, you'll find the transition into the new concepts during the bootcamp phase of the course much easier.

After you complete the prep course material, you are required to take an assessment to ensure all participants are on the same footing when the course starts. You have two attemps to submit successfully.

On-Site Course

(12Weeks)

Phase 1

Continuing on from the Prep Course, you'll focus heavily on HTML, CSS and Javascript. You'll also review data types, learn to control flow with conditionals and loops, define variables and functions, create objects and arrays, and delve into handling exceptions. You will examine how global and local scopes work and how identifiers are resolved.

Important Topics

> Array methods

> The 'this' keyword

> Callbacks

> Inheritance patterns

> The module pattern

> Semantic markup

> The box model

> Including resources (scripts, stylesheets, images, media)

> Positioning

> Floating and clearing

> Media queries and responsive techniques

Phase 2

You will integrate what you've learned of Javascript, HTML, and CSS and create interactive UI widgets and animations using native browser APIs as well as the jQuery library. You will make ajax requests to retrieve data from third party APIs and present it to users using client-side templates.

Important Topics

> DOM traversal

> DOM events and event delegation

> CSS transitions and animations

> requestAnimationFrame

> XMLHttpRequest and CORS

> HTTP methods, status codes, and headers

Phase 3

You will learn about server-side programming with Node.js. Your first project will be a simple web server which will provide an opportunity to examine the basics of handling HTTP requests. We will use Node's fs module to learn about file I/O and gain an understanding of Node's streams API. We will move on to use the Express framework to create routes and middleware, handle submitted form data and query strings, set and retrieve cookies, and generate dynamic web pages using server-side templates populated with data retrieved from third party APIs.

Important Topics

> Readable and writable streams

> Event emitters

> Promises

Phase 4

You will learn how to connect to and query a database. You will build log-in and registration flows. You will also explore several popular client-side MV* frameworks and write single page applications and our own APIs to support them.

Important Topics

> CRUD

> Securely storing passwords

> Caching

> MVC

Phase 5

You will work on more sizeable projects while learning about testing, deployment, and Agile methodology.

Phase 6

In this final phase, students will work on a capstone project of their choice. These capstone projects will bring together everything that you have learned throughout the course, and show the world that you are ready to call yourself a Full-Stack Web Developer!

Spiced Demo Day

At the end of the program, students will participate in Spiced demo day, an exciting event where they will present their capstone projects in front of students, graduates, friends and family.

Spiced Labs

(Optional) For 6 weeks after the course you're free to come to Spiced to continue to work, receive guidance during your job search and put any final touches needed on your portfolio.

A Typical Day At Spiced

▶▶ **10:00 am** Morning encounter followed by supervised project work

▶▶ **12:00 pm** Lunch

▶▶ **1:30 pm** Morning encounter followed by supervised project work

▶▶ **6:00 pm** Students are free to go home, do evening reading, and get ready for the next day.

Payment Options

Full-Paying

Pay registration fee (€800,-) plus tuition fee (€7,000,-) 14 days before the course starts. Please note that the registration fee is non-refundable.

Installments

Pay in 3 installments (plus €300 fee + €800 registration fee):

€3,300. - 14 days prior to program start

€2,400. - 4 weeks into the program

€2.400. - 8 weeks into the program

Deferred Payment

If our other payment plans aren't possible for you, the Spiced Payment Option could enable you to take the course and defer your payment to a later date. Reach out to info@spiced-academy.com for more info.

Bildungsgut-schein

If you're unemployed (or soon to be) and registered in Germany, you could have your costs covered by the Agentur fur Arbeit. Visit our website for more information.
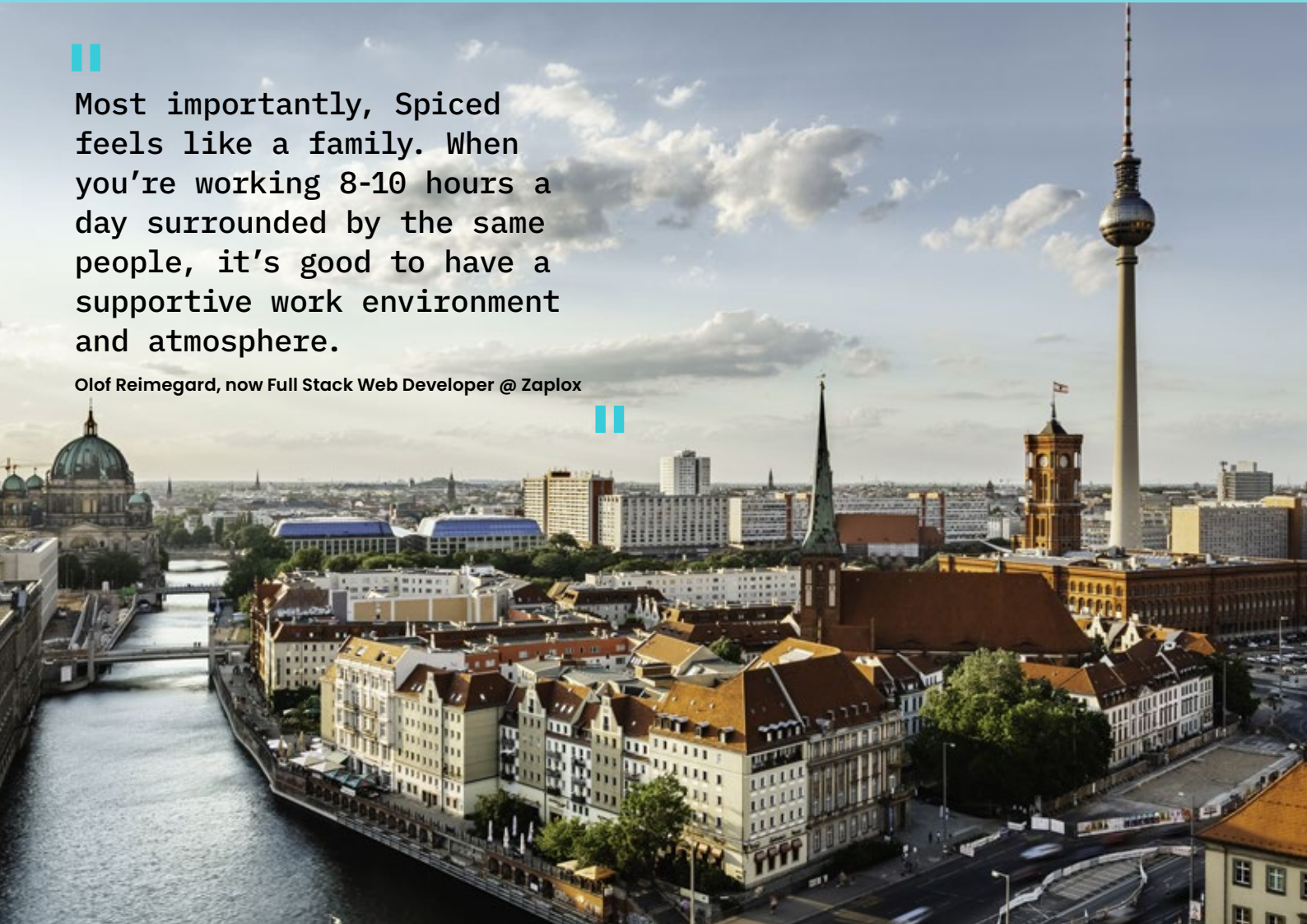
Life at Spiced

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Most importantly, Spiced
feels like a family. When
you're working 8-10 hours a
day surrounded by the same
people, it's good to have a
supportive work environment
and atmosphere.

Olof Reimegard, now Full Stack Web Developer @ Zaplox

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Career Skills

Throughout the program you will gain indispensable professional skills to thrive in your career and in life.

We focus heavily on communication skills, decision making, critical thinking, interdisciplinary teamwork and empathy. Additionally, you will learn and apply critical concepts in complex problem solving, rapid prototyping, pair programming and agile development.

You will build and refine your CV, your LinkedIn and GitHub profiles, work on your interviewing skills, and build and sharpen up your portfolio. In short, you'll be job-ready for a career you love!

Community

We love code. We also know there's more to life. The Spiced community is tight-knit. We hold regular get togethers with pizza and drinks so you can get to know everyone on campus.

We pride ourselves on our international culture and providing a supportive environment to both students and staff. If you need help with your code or a chat, there's always a member of staff ready to grab a coffee.

It's the Spiced touch.

Our Campuses

Spiced is born and raised in Berlin, Germany's vibrant and diverse capital city. Now we have campuses in Cologne, Hamburg and Stuttgart.

Germany is home to a range of exciting startups in its tech hubs such as Hamburg, Berlin and Cologne. Elsewhere in the country, such as Stuttgart and Frankfurt, you'll find more established companies. What they all have in common is a demand for talent.

Throughout the country, IT professionals are in high demand, with software developers and programmers chief among the roles that companies are searching for.

All of this makes Germany an exciting country to be in right now. Add onto that a robust economy and exciting cultural life, and you have the perfect destination to study and take the next steps in your career.

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