

SPICED

Program Curriculum

Web

Development

2024 Spiced Program Curriculum Web Development

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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 Senior Developer @ Grover

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Hallo! 🖐️

Everyone has to start somewhere.

For us, it started in Berlin with a simple idea. To propel highly motivated people into the careers they want, through expert-led and meticulously curated tech courses.

We don't just teach the latest technologies, though.

Spiced is an attitude. It's a community and a melting pot. It's a place where you can meet and connect with people that could change the trajectory of your life. Those who help you develop professionally and personally. From your cohort and beyond.

Remember, no-one's born a genius - it's going to take hard work and dedication to get where you're going.

We're here with you, every step of the way 🚀



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Your future is written in code.

The first step towards your next step, you'll gain the skills to catapult yourself into a rewarding career in programming.

From learning the fundamentals through to building dynamic web pages, you'll hone your abilities in JavaScript, HTML, CSS, Node.js, React and much more. You'll gain essential skills in complex problem solving, critical thinking and effective communication.

It's not just web development, either. It's you development. We focus heavily on career development, meaning you'll learn interview techniques, get resume help, career guidance, LinkedIn tips and guidance throughout the first stages of your job search.

Ready for the next chapter? Let's get started 🍷





My time at SPICED was both challenging and rewarding. The bootcamp covered a wide range of topics, from front-end to back-end development, and I appreciated the hands-on projects that allowed me to apply what I had learned.

Serge Ten

Web Development Graduate



SPICED's tech stack offered the opportunity to learn the latest tools and frameworks. My time here was challenging, exhilarating, and sometimes made me question my sanity. I loved it!

Roberta Grasso

Web Development Graduate



The length and structure of the program appealed to me most. It was challenging but also motivating at the same time. I enjoyed it every step of the way!

Idil Inshakov

Web Development Graduate

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Before the Course

Before the course you'll be required to pass a short assessment. Nothing to sweat about, we just want to see how you are with basic concepts that will be important for your success in the course.

Upon successful completion of the assessment, you'll be sent some JavaScript-based prep work to get you ready for the on-site portion of the program.



What You'll Learn

(12 Weeks)

Phase 1

In the first week of the course you'll focus on the basics of HTML and CSS. At the end of this phase you'll be able to build a simple website and also be well-versed in the fundamentals of Git and GitHub and basic shell commands.

Important Topics

-  HTML
-  CSS
-  GitHub
-  Shell Commands

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Phase 2

In the second part of the course you will take your previous HTML and CSS skills to the next level and will be able to see your first results. In this phase you will spice up your web development fundamentals with JavaScript.

Important Topics

- Advanced CSS (Animations and Grid)
- Forms, input fields
- Arrays and objects
- DOM

Phase 3

Time to dive deep into JavaScript. You'll learn about loops, callback functions and asynchronous coding. We'll also teach you the best practices on how to write clean and efficient JS code. You'll become a Git ninja, learn how to handle conflicts and merge like a pro and test your code.

Important Topics

- JavaScript
- Git advanced - conflicts & merge
- Unit test
- Loops, callback functions
- Asynchronous coding

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Phase 4

This phase is fully dedicated to React, a front-end library. React creates modular, dynamic user interfaces. You'll learn how to create structured and efficient web applications by learning React's functions and capabilities, gaining an understanding of this in-demand technology that'll boost your career as a front-end developer.

Phase 5

Next is a web application framework that combines both front-end and back-end functionality. With Next you'll learn how to create highly scalable web applications with ease, making it an ideal choice for complex projects.

Phase 6

In the last sprint of the course you'll learn how to build a robust backend for web applications using API routes and MongoDB, a popular non relational (NoSQL) database. With these skills you will be able to create scalable web applications with efficient data storage and retrieval.

Important Topics

- React
- React Hooks
- Custom Hooks
- Fetching data

Important Topics

- Next.JS
- React data fetching with SWR
- React component testing
- React styled components






Important Topics

- Backend API route
- Server with Express.js
- MongoDB
- Agile & Design

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Your day at SPICED



-  **8:30 am** Campus opens for you to come by and start your project work
-  **10:00 am** Morning lecture followed by supervised project work
-  **12:00 pm** Lunch
-  **1:30 pm** Afternoon lecture followed by supervised project work
-  **6:30 pm** Campus closes for the day. Time to go home and get some well deserved rest! 🥱

Payment options

Full-Paying

Ready to invest in your future? Pay the full tuition fee (€8,500) 14 days before the course starts.

Installments

Pay in 3 handy instalments (including a €300 surcharge):

€3,000 - 14 days prior to program

€2,900 - 4 weeks into the program

€2,900 - 8 weeks into the program

Deferred Payment

If you don't have the means to pay the total compensation upfront or in instalments but still want to participate, we offer a deferred payment option to highly motivated candidates. Those accepted will have a clear vision of what they want to do after SPICED. Applicants will be interviewed and answer a questionnaire.

Payment options (ctd.)

Bildungsgutschein

If you're registered as unemployed (or soon to be) in Germany, you could be eligible to have all your costs covered with a Bildungsgutschein (training voucher).

Heads up, the more motivated you are, the higher the chances are to get one!

For more information on this option, check our page dedicated to financing your bootcamp with a Bildungsgutschein [right here](#).

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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





Careers Service

Where practical meets personal, our Careers Service helps turn the dream job into *your* job.

Through group workshops, we help you excel at real-world interviews, and build your communication skills, critical thinking, teamwork and empathy.



Community

Community rules at Spiced – after all, there’s more to life than studying! For those in Berlin, we hold regular get-togethers with pizza and drinks in our beautiful campus so you can share ideas, grab a coffee, and generally unwind among fellow hungry minds.

We pride ourselves on our international culture and provide a supportive environment to both students and staff. If you need help with your code or a chat, we try to make sure there’s always someone on hand for a quick Zoom, or a sit down.

Oh, and Friday drinks can be the stuff of *legend*.

Our Campus

Welcome to Kreuzberg. Home to SO36 punks, döners and the loveable rogues of Spiced-World. Just at our doorstep you'll find a world of cuisine, upscale cocktail joints, downtrodden kneipes, and cafes ranging from artisanal to hole-in-the-wall.

We love hosting tech events and bringing our ever-growing network to campus and online for workshops and talks. Even after you've graduated, there's an open invite to our events - once a Spicedling, always a Spicedling.



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Thank you

For more information, please get in touch
info@spiced-academy.com

