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

(16 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

- 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

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.

Important Topics

- React
- React Hooks
- Fetching data

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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

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

Important Topics

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

The curricula presented here are intended as a guide to the course content. We expressly reserve the right to make adjustments to the content and structure for didactic and organisational reasons, and to adapt the course to reflect the state of the art and current labour market requirements, without affecting the character of the course and the overall quality of the content.

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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! 😴

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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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Where practical meets personal

Our Career Services

Through our Learning Management System (LMS), you'll receive career tips and support from the preparation of application documents to job search strategy and personal branding - all from a single source!
Our expert Career Coaches help you excel at real-world interviews, and build your communication skills, critical thinking, teamwork and empathy. 💪

- **Job interview workshops**
- **Strategies for changing jobs and career paths**
- **Salary negotiations**
- **Career Cupid: networking event with companies,**
- **Alumni "Ask me anything" sessions**
- **Recruiter "Ask me anything" sessions**
- **Expert panels and Q&A**
- **Career roadmap for international students**

Phase 1

Identifying your skills

Phase 2

Understanding the Job Market

Phase 3

Tips for starting your new job

Phase 4

Networking

Career Opportunities

Frontend Developer

Backend Developer

Fullstack Developer

Web Designer

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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*.

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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