

SPICED

Program Curriculum

Java Development

2024 Spiced Program Curriculum Java 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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Build your future with Java Development

Level up your career with Java development. From mastering the core concepts to crafting robust apps, you'll delve deep into the world of Java programming.

Dive into object-oriented programming, data structures, algorithms, and more. With hands-on experience in Java, Spring Framework, and other essential tools, you'll sculpt your proficiency to meet industry standards.

It's not just about Java, either. It's about your growth as a developer. We care about your professional development, offering insights into interview strategies, resume crafting, career navigation, LinkedIn optimization, and ongoing support as you embark on your job hunt.

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



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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 two weeks of our Java programming course, you'll learn the basics. Java, an object-oriented language and a coding powerhouse, takes the spotlight. Through hands-on exercises, you'll master clean and extensible code writing, versioning, and testing, all with the latest tools and expert guidance from our coaches.

Important Topics




-  Java
-  Git
-  OOP
-  Unit Tests
-  IntelliJ

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Phase 2

In the next phase of your Java developer training, you'll focus on Spring Framework. This powerful tool lets you set up your own server effortlessly. As an open-source framework, Spring is widely used in web applications. You'll learn to define APIs and write tests for them, mastering essential skills for Java development.

Important Topics

-  Spring
-  Web Server
-  Integration Tests

Phase 3

Diving into Frontend Development in our Java course is essential. Mastering frontend fundamentals ensures your application is user-friendly. We'll introduce you to React, a powerful library perfect for crafting customizable UI components. React's effectiveness lies in its ability to create modular, reusable, and interactive frontend elements, making it indispensable for any Java developer.

Important Topics

-  JavaScript
-  React
-  HTML
-  CSS

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Phase 4

Bringing it all together, the fourth phase of your Java training focuses on seamlessly connecting the backend with the frontend. Ensuring smooth communication between these crucial components is our top priority. In the event of any hiccups in this communication, rest assured, we'll troubleshoot and ensure your application remains fully functional.

Phase 5

In the penultimate phase, we elevate our application further. Leveraging databases, we ensure data persistence, while tools like Docker facilitate our deployment pipeline. With Spring Security, we fortify our application, ensuring controlled access and robust security features, including authentication and authorization, essential for enterprise-level applications.

Phase 6

Mastering Java development demands practical experience. That's why you're tasked with crafting your own app, giving you the freedom to explore a topic or idea of your choosing. With our expert guidance, you'll receive support throughout the four-week process of planning and bringing your digital capstone project to life.

Important Topics

- Full Stack
- Advanced React

Important Topics

- MongoDB
- AWS
- Docker
- Spring Security






Important Topics

- Career Coaching
- Final Project

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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 (€9,500) 14 days before the course starts.

Installments

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

€3,900 - 14 days prior to program

€3,100 - 4 weeks into the program

€3,100 - 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

