# Development Bootcamp

100% Free

via Bildungsgutschein

») neue fische

School and Pool for Digital Talent

## All contents at a glance

Become a Java Developer – your path to building powerful backend applications.

**Our intensive, hands-**on bootcamp equips you with the skills to master modern Java development – from object-oriented programming and backend architecture to databases, APIs, and deployment.

You'll learn how to build robust, scalable applications using frameworks like Spring and tools like Git, Docker, and SQL. Step by step, you'll gain practical experience by working on real-world projects in a collaborative, agile environment. Whether you're coming from tech, science, business, or a completely different background, our experienced coaches will prepare you for one of the most in-demand roles in the software industry. Fully fundable via Bildungsgutschein.

### **Professional Development**

- Unix/Shell
- Versionsverwaltung Git/GitHub

### HTML5

- HTML5-Elemente
- Forms and inputs

### CSS3

- Selektoren
- display: flex

### JavaScript

- TypeScript 2023 (ES2023)
- Arbeiten mit npm
- axios promises

### React

- Version 18.x
- React Router
- Functional components
- useState
- useEffect

### Java

- Version 21 LTS
- Classes, interfaces und inheritance
- OOP (Objektorientierte Programmierung)
- Collections
- Exception handling
- Java Streams
- Spring Boot Web
- Spring Data MongoDB
- Spring Security
- Big Decimal
- Datum und Uhrzeit mit java.time
- Lombok und Records

### Databanks

- NoSQL
- MongoDB

### **DevOps**

- Continuous Integration (CI)
   mit Github Actions
- Continuous Deployment
   (CD)mit Github Actions
- Maven
- Docker / DockerHub
- SonarCloud

### **Testing & Debugging**

- Test-Driven-Development
- Integration-Tests with Spring Boot
- Unit-Tests with JUnit 5
- Mockito
- Browser Dev Tools

### **Basics of the Web**

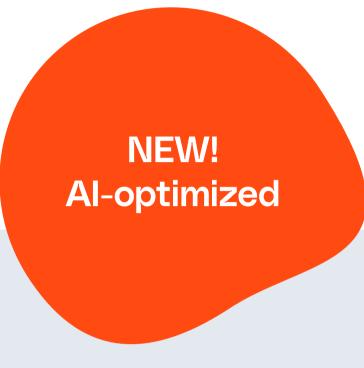
- APIs: REST
- Web-Security Basics
- HTTP-protocol
- Auth: Basic, Bearer, Keys

### **Artificial Intelligence**

- ChatGPT Prompting
- GitHub Copilot
- Java Apps with ChatGPT-API Integration

### **Additional Teaching Content**

- Clean Code
- Working in pairs and groups
- Git-Workflow with Github
- Agile Methods with Scrum und Kanban
- Intellij



### Soft skills



orientation for the course content. We expressly reserve the right to make adjustments to the content and sequence for didactic and organizational reasons as well as to adapt to the state of the art and the current requirements of the job market, without this affecting the character of the course and the overall quality of the content\*\*.

\*\*The curricula presented here represent an exemplary

Java Development Numbers and Facts >>> neue fische

# With us to the next (job) level

40%

average percentage of women in our bootcamps



7000

Successful graduates

-language bootcamps
We offer our bootcamps in
German and English



Coaches with practical experience Learn from the best: our coaches are industry experts













### This is us

Since 2018, neue fische has been offering a training and qualification program for IT professions that is unique in Germany. The team trains career changers and those returning to work in short boot camps to become qualified software, data and cloud talents and then brings them together with exciting employers from its network of over 70 partner companies.

### Certified. Education with quality

"The company neuefische GmbH impresses with a very promising training program with a modern methodical approach. The high level of professionalism, the excellent industry networking and the innovative practical expertise of the management should be emphasized." from the audit report

# We support you in getting started

- 6.300 successful graduates
- >>> Expert coaches with practical experience
- >) 100% Financed with the education voucher



### Our Career Development in a Nutshell

At the heart of our Career Service is our Learning Management system (LMS). Here, our course participants receive career tips and support from the preparation of application documents to job search strategy and personal branding - all from a single source. We make sure you are well prepared for your job search. Our Career Service prepares our students not only theoretically but also practically for the demands of the market.

### Phase 1

### Getting to know each other:

Identification of skills

### Phase 2

### Sharing insider knowledge:

Understanding the job market

### Phase 3

### Tips for starting your career:

Milestones and successful completion

### Phase 4

### We connect:

Networking events to make contacts

- → Interview Workshops
- → Job Changing Strategies and Career Paths
- → Salary negotiations
- → Career Cupid: Networking event with companies, online and onsite (Berlin + Hamburg)
- → Alumni "Ask me anything"
- → Recruiters "Ask me anything"
- → Professional Panels and Q+A
- → Career Roadmap for international students

### What are the career opportunities?

Jobs in the IT industry are constantly evolving. Here are just a few examples of job opportunities after completing an IT bootcamp:

Java Developer

Java Backend Developer

Java Full Stack Developer

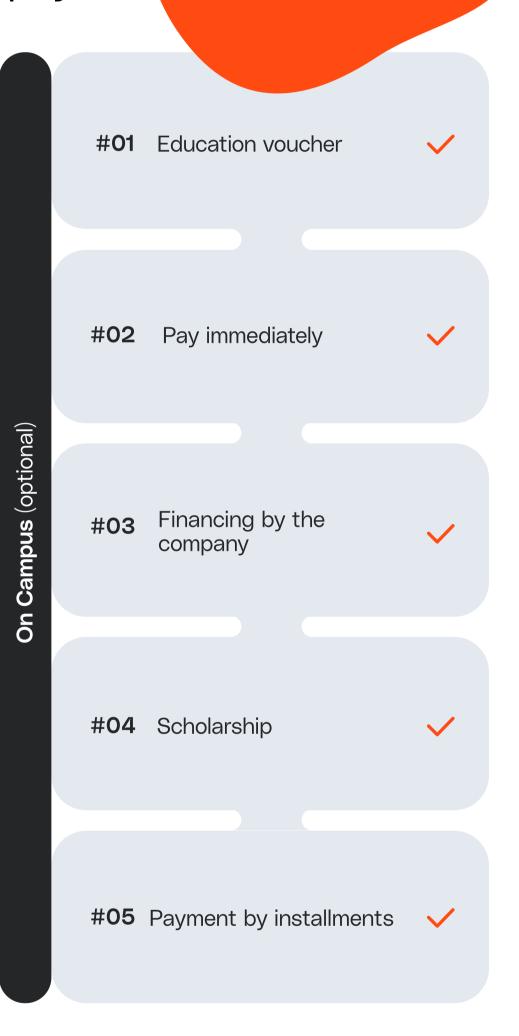
## We have the options, you have the choice!

How much time do you have?  $\rightarrow$  What do you want to learn? Where do you want to study?  $\rightarrow$  How do you want to pay?

95% successful completion rate







### What fits into your life right now?

No matter what life situation you're currently in, whether you're a university dropout, a job changer, a parent on parental leave or on the next career leap - with us you can learn when, how and where you want.

### Which bootcamp do you choose?

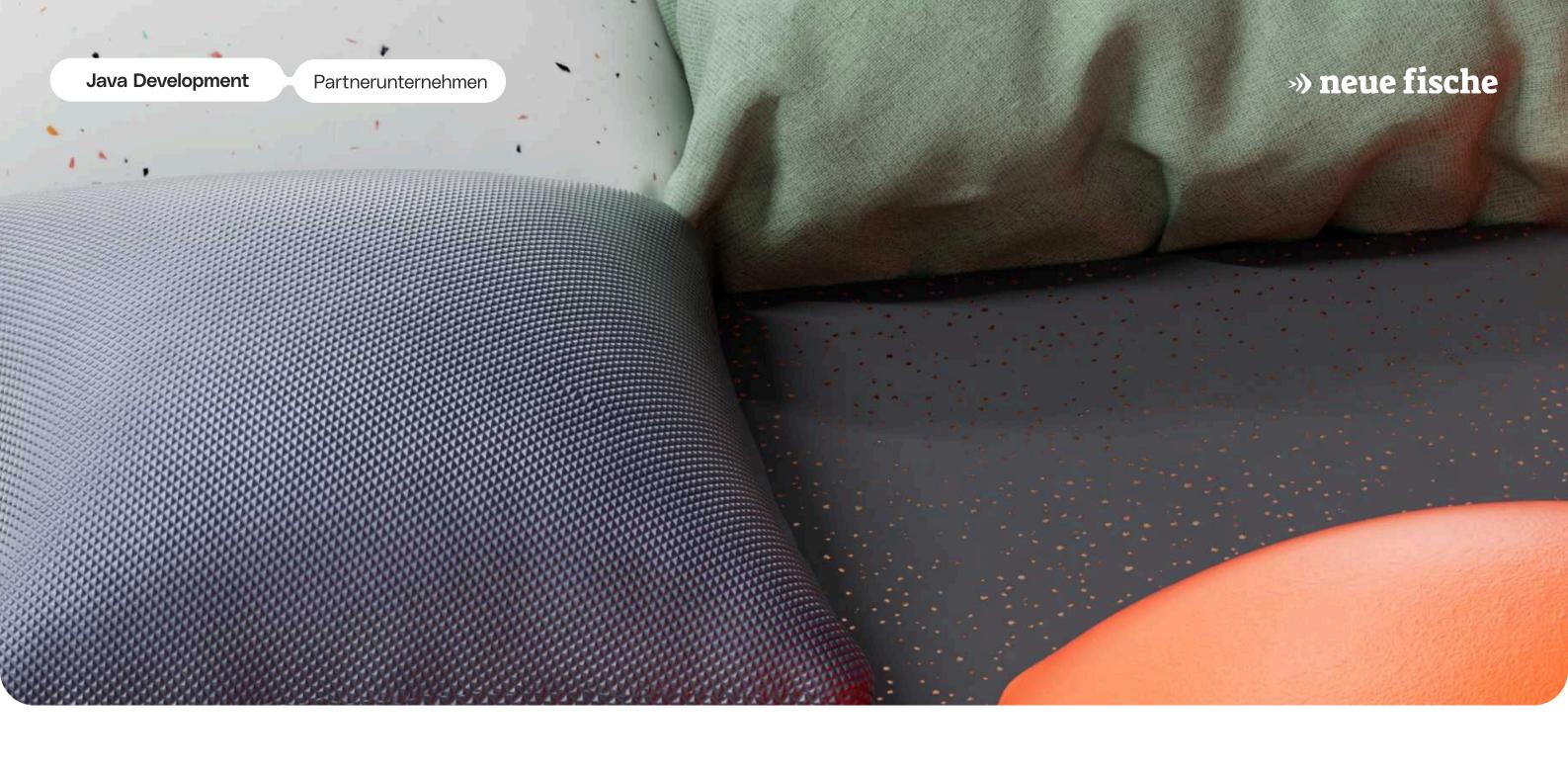
Students can complete their bootcamp with us full-time in 12–16 weeks (Mon–Fri, 8:30 AM – 6:30 PM). Whether you join remotely (live online) or attend in person on campus depends on the specific bootcamp and your personal preferences

### How do you want to finance your bootcamp?

We offer you various financing options for your coding bootcamp so that you can realize your dream job in the tech industry. Whether 100% free of charge with an education voucher from the Federal Employment Agency, as a self-payer or installment payer or with a scholarship for women or international students.

Any questions?

Remote



»Our team has trusted neuefische for quite some time now and their knack for supporting career changers. The constructive communication and high quality of training constantly show us that a candidate's CV is not the deciding factor..«



Robert Neuhann,
Recruitment Lead DACH
bei Accenture Song

### Über 70 Partnerunternehmen fischen in unserem Teich nach Talenten







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