

The background of the entire image is a vibrant purple-to-pink gradient. In the center, a pair of hands is shown from a top-down perspective, gently cupping a glowing, translucent sphere. The sphere has a bright white core and a shimmering, multi-colored outer layer that reflects light in shades of blue, green, and yellow. The hands are rendered in a soft, ethereal style, with a light purple glow around them.

_NOLOGY SOFTWARE ENGINEERING

_nology

TALENT IN **TECH**NICOLOUR

CREATING QUALITY TECH TALENT



WITH THE DIGITAL SKILLS GAP WIDENING AND A CONSTANT PUSH FOR GREATER DIVERSITY IN TECH, [_NOLOGY](#) HELPS EMPLOYERS TACKLE THESE CHALLENGES BY CREATING DIVERSE TALENT.

[_nology](#) attracts, assesses, trains, and supports individuals who want to launch a career in tech and places them into client projects as Junior Software and Cloud Engineers.

Our unique attraction approach allows for total inclusion, resulting in a [diverse pool](#) of [_nologists](#). Clients can turn [_nologists](#) into permanent employees, allowing for greater strength in both diversity and hard-to-find skill sets.

[_nology](#) is part of the [Opus group](#), a global tech talent provider.

SOFTWARE ENGINEER

TRAINING


(12 WEEKS)

Training is delivered by our expert team of coaches over a full-time 12-week period. All content has been curated by _nology based on the feedback of what [our clients](#) need and practically use.

Phase	JavaScript and Web Fundamentals	Agile and Testing	Front-End Frameworks	Java Programming	Databases and Server-side Programming
Goal	Learn the basics of building for the web	Develop an Agile and Testing mindset	Learn modern development techniques	Develop best practices for production code	Build servers and databases in production frameworks
Content	<ul style="list-style-type: none">• Tooling set-up• Command Line• Version Control• HTML and CSS• JavaScript Programming• CICD basics• Typescript intro• Functional programming	<ul style="list-style-type: none">• Agile principles• Framework architecture• React programming• HTTP and REST• Consuming APIs	<ul style="list-style-type: none">• Package Management• Framework architecture• React programming• HTTP and REST• Consuming APIs	<ul style="list-style-type: none">• The JVM• Gradle/Maven• SOLID principles• Java fundamentals• JUnit testing• Performance testing• Object Oriented Programming	<ul style="list-style-type: none">• SQL• Data design• Java Spring and Spring Boot• Design patterns• API Integration testing• Data layer• Monitoring
Project	Build a website that includes a JavaScript game and deploy it live	Deliver a test report for the code from unit 1	Deliver a data-driven React application	Build a command line application using Java	Build an API in Spring, host it, and test it with unit and integration tests

ADDITIONAL MODULES

Our example curriculum shows what we regularly deliver for [clients](#). However, we can bolt on training or design entire curricula specific to your tech stack. Here are examples of additional modules that can be included on request:

- **GCP, AZURE, OR AWS FUNDAMENTALS:**
An introduction to compute engines, identity & access management, platform as a service (PaaS), and Cloud monitoring
 - **QA/ AUTOMATION TESTING:**
Advanced testing concepts including NFT, UAT, automation frameworks, training for ISEB or ISTQB qualification
 - **PYTHON:**
Learning to develop and test with Python and Django framework
 - **CLOUD & DEVOPS:**
Bash scripting, Linux, Cloud Networking, and Containerisation
 - **ADVANCED FRONT-END:**
Including UI/UX and advanced front-end framework learning
 - **AGILE/ SCRUM:**
Learning agile with Scrum framework, training for the ScrumMaster® certification
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_nologists from this course can fill roles including:

FULL-STACK DEVELOPER

FRONT-END DEVELOPER

CLOUD ENGINEER

DEVOPS ENGINEER

JAVASCRIPT DEVELOPER



CLIENT TESTIMONIAL



The _nology curriculum focuses on key practices and methodologies that are hard to learn. _nology gives them a deep understanding of new methods and practices that they can evangelise from their first day in our organisation. They come ready armed, having only ever learned best practices rather than having to break old habits



Helen Tippell,
CIB CTO, Deutsche Bank

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