

Learning Curriculum for Back-end Specialization

Back-end Frameworks/Runtime	
<i>Strong knowledge of one of these is required to complete the coding project</i>	
Node.js	Node.js Crash Course(Video) Codevolution: Node.js Tutorial(Video) Node.js Tutorial (Reading)
Spring Boot	Spring Boot & Spring Data JPA - Complete Course (Video) Spring Boot Tutorial for Beginners (Video) Building an Application with Spring Boot (Reading)
Django	Python Django Tutorials for Beginners(Video) A Complete Beginner's Guide to Django (Reading) Webforefront: Beginning Django (Reading)
Programming Refresher Courses	
Java	Java Programming for Beginners – Full Course (Video) Java Programming (Reading)
Python	Programiz: Python programming(Reading) Python for Everybody (Reading) Python Tutorial (Reading)
JavaScript	How much JavaScript do you need to know? The Modern JavaScript Tutorial (Reading) Eloquent JavaScript: The Document Object Model (Reading) Javascript Fetch API (Video)
Evaluation Project	
<p>Your knowledge of the above Backend-end stack will be tested by a coding project which you must complete using either Java or Python, and your selected Back-end framework. The source code must be version-controlled using git and available on GitHub. The finished project must be submitted before the deadline communicated to you.</p>	