



**Software
University**

CERTIFICATE

This certificate is issued by Software University to acknowledge that

Lencho Petrov Petrov

has successfully completed a course

JS Advanced - October 2016

with **6.00/6.00**



Issue date: 23/11/2016

Check the validity of this document here:

<https://softuni.bg/Certificates/Details/15744/73fdc4c7>

Svetlin Nakov
Manager Training and Inspiration

COURSE CURRICULUM:

TOPIC	HOURS
Course opening: topics, schedule, trainers, exams, resources	1
DOM and BOM, traverse the DOM tree, create / edit / delete elements, handle events	3
jQuery: a simplified way to DOM manipulations and events handling	4
Exercises: jQuery and DOM, BOM, event handling	4
Advanced functions: first-class functions, function expressions, IIFE, this, call, apply, bind	2
Object composition, closures, revealing module, object inheritance and prototypes	2
Exercises: advanced functions, function context	4
Exercises: object composition and inheritance	4
Unit testing with Mocha	4
Exercises: unit testing with Mocha	4
Classes, constructors, properties, accessors, methods, static members	4
Exercises: classes, constructors, properties, methods, static members	4
Exercise: exam preparation (DOM, simple class, class interacting with DOM, unit testing)	4
Class inheritance and prototype chain	4
Exercises: classes with inheritance and unit testing + DOM	4
Modules (import, export), Babel transpiler, CommonJS, RequireJS, System.js	4
Exercises: modules and Babel + DOM	4
Exercise: exam preparation (DOM, simple class, object interacting with DOM, unit testing)	4
Error handling and exceptions	2
Generator functions and iterators	2
Exercises: error handling, generators, iterators + DOM	4
Mini teamwork: classes, inheritance, modules, unit-testing, DOM	4
Practical exam (DOM, simple class, class interacting with DOM, unit testing)	6



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