



KINGSLAND UNIVERSITY

Certified Full Stack Developer

This Certificate of Completion is to acknowledge that

RYAN KENYON

has successfully completed the Certified Full Stack Developer training program offered by Kingsland University on 22nd of November, 2022

Robert Kim

Director

Kingsland University

John Souza

Founder and CEO

Kingsland University

This Certificate is on the Blockchain, to verify go to:
<https://blockchaincertificate-verify.kingsland.io/certificate/63aaaa11e7ab7ff49ea080e>



Course Curriculum

Programming Basics

- Intro to programming
- Expressions and Statements
- Conditional Statements
- Conditional Statements Advanced
- For Loops
- While Loops
- Nested Loops

Duration

3 hrs
3 hrs
4 hrs
4 hrs
4 hrs
3 hrs
3 hrs

JS Fundamentals

- Basic Syntax
- Data Types and Variables
- Arrays
- Methods & Functions
- Arrays Advanced
- Objects & Classes
- Associative Arrays
- Text Processing & Regular Expressions

Duration

4 hrs
4 hrs
4 hrs
5 hrs
4 hrs
3 hrs
4 hrs
4 hrs

JS Advanced

- Syntax - Functions and Statements
- Objects
- Arrays
- Advanced Functions
- DOM
- DOM Manipulations
- Classes
- Unit Testing & Modules
- Strings and RegExp

Duration

4 hrs
3 hrs
3 hrs
4 hrs
2 hrs
2 hrs
4 hrs
3 hrs
3 hrs

JS Applications

- This
- Object Composition
- Prototypes and Inheritance
- Rest Services and AJAX
- Asynchronous Programming
- Remote Databases
- Templating
- Routing and Architecture
- Workshop SPA
- Design Patterns and Best Practices
- Web Pack

Duration

4 hrs
3 hrs
3 hrs
4 hrs
3 hrs
4 hrs
3 hrs
3 hrs
4 hrs
4 hrs
3 hrs

JS Backend

- Intro to NodeJS
- Streams and Utilities
- ExpressJS and Templating
- NoSQL And MongoDB
- Sessions and Authentication
- Validation and Error Handling
- Workshop REST API

Duration

4 hrs
3 hrs
3 hrs
3 hrs
4 hrs
4 hrs
3 hrs

ReactJS

- Intro to React and JSX
- Components Basic Idea
- Components Deep Dive
- Routing
- Forms
- React Hooks
- Advanced Techniques

Duration

3 hrs
3 hrs
4 hrs
4 hrs
4 hrs
3 hrs
3 hrs

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