HOLY ANGEL UNIVERSITY
SCHOOL OF COMPUTING
1st Semester, School Year 2025-2026

6WCSERVER freeCodeCamp
Finals Badging

Submitted by:

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Submitted to:

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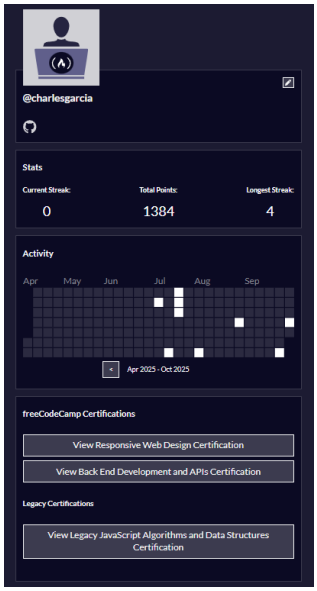
WD 302

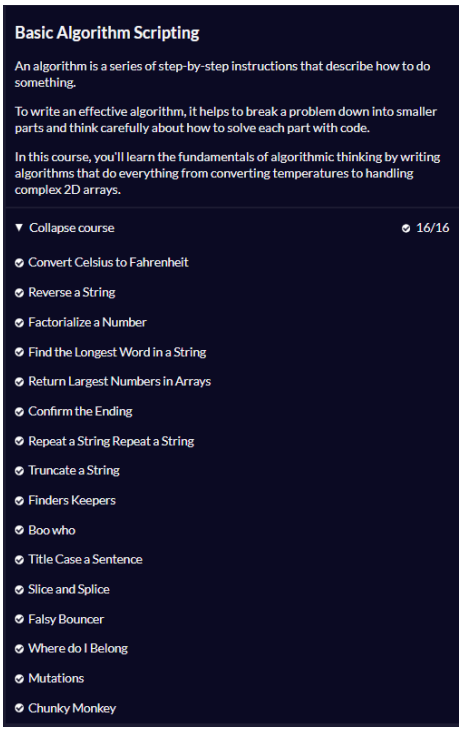
October 2, 2025

freeCodeCamp Profile Link: https://www.freecodecamp.org/charlesgarcia



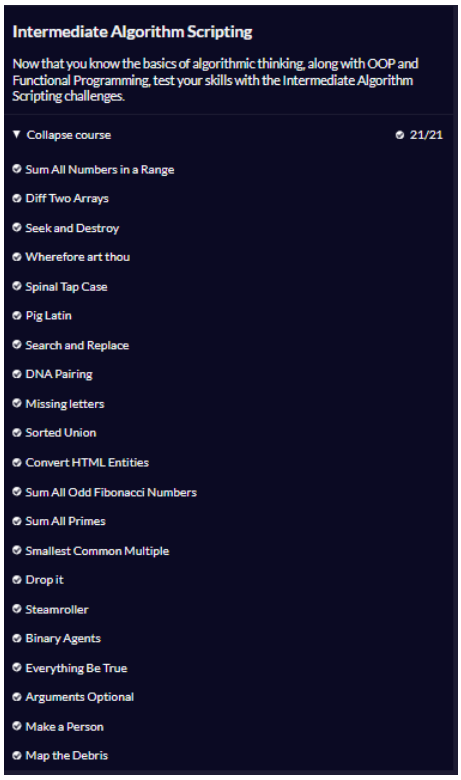
Legacy JavaScript Algorithms and Data Structures

Basic Algorithm Scripting

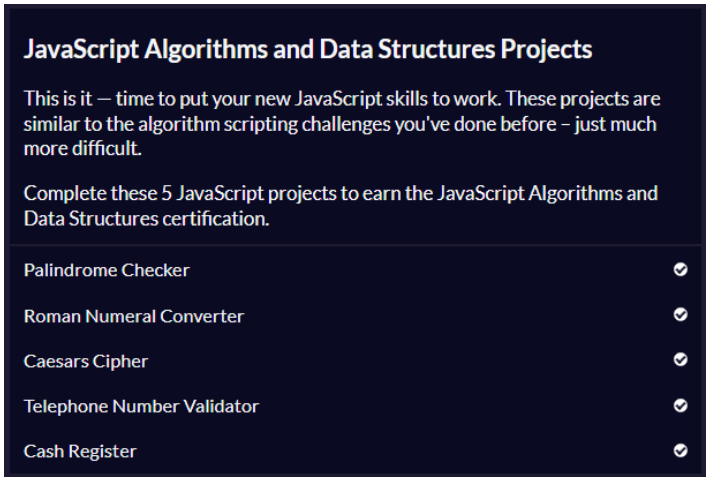


Functional Programming

Intermediate Algorithm Scripting



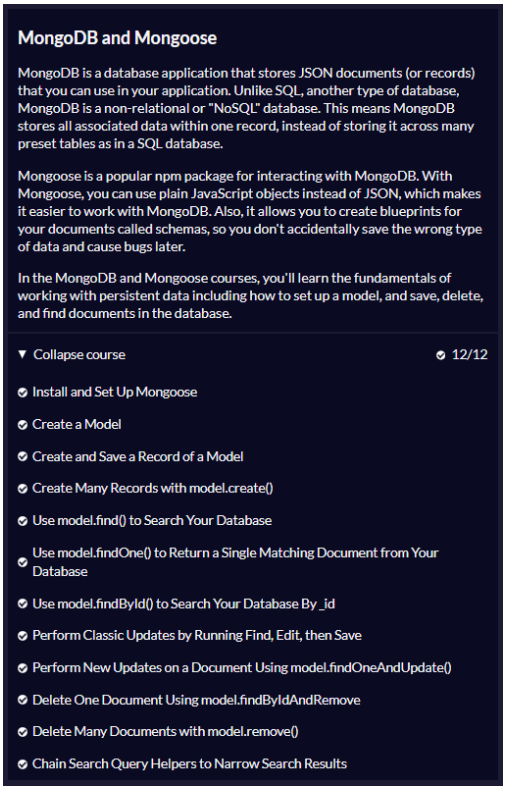
JavaScript Algorithms and Data Structures Projects



(view the timeline in my profile to see the source code)

Back End Development and APIs

MongoDB and Mongoose



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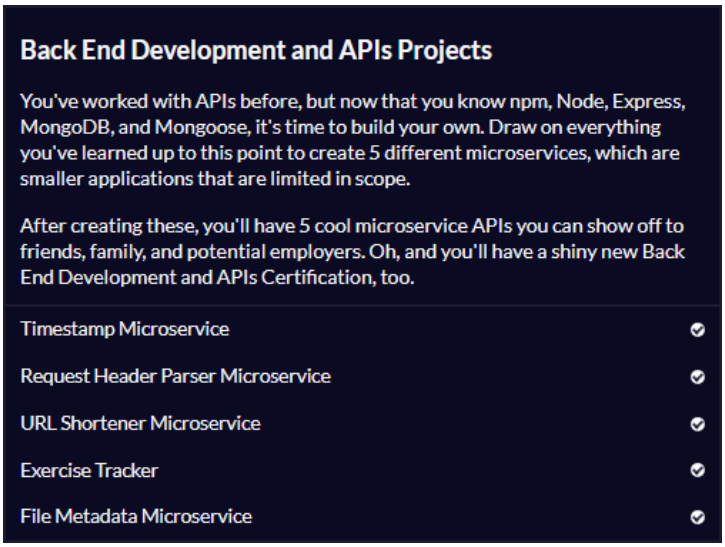
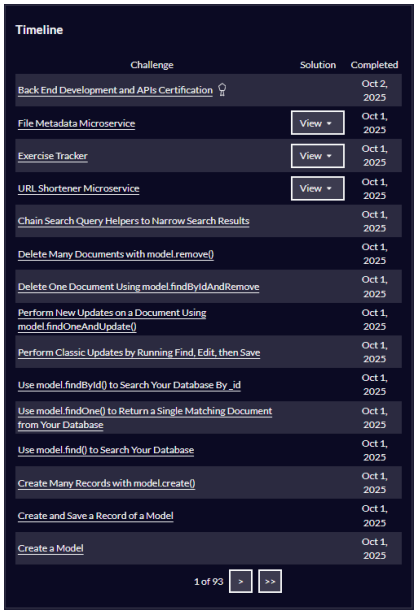
Back End Development and APIs Projects



(view the timeline in my profile to see the source code)

Timeline for Finals Badging



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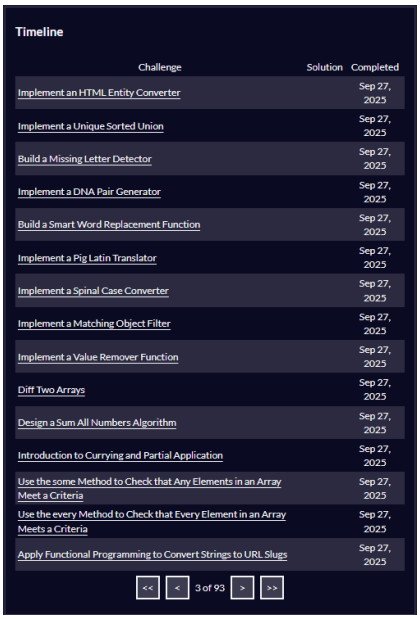

Timeline

Challenge	Solution	Completed
Implement an HTML Entity Converter		Sep 27, 2025
Implement a Unique Sorted Union		Sep 27, 2025
Build a Missing Letter Detector		Sep 27, 2025
Implement a DNA Pair Generator		Sep 27, 2025
Build a Smart Word Replacement Function		Sep 27, 2025
Implement a Pig Latin Translator		Sep 27, 2025
Implement a Spinal Case Converter		Sep 27, 2025
Implement a Matching Object Filter		Sep 27, 2025
Implement a Value Remover Function		Sep 27, 2025
Diff Two Arrays		Sep 27, 2025
Design a Sum All Numbers Algorithm		Sep 27, 2025
Introduction to Currying and Partial Application		Sep 27, 2025
Use the some Method to Check that Any Elements in an Array Meet a Criteria		Sep 27, 2025
Use the every Method to Check that Every Element in an Array Meets a Criteria		Sep 27, 2025
Apply Functional Programming to Convert Strings to URL Slugs		Sep 27, 2025

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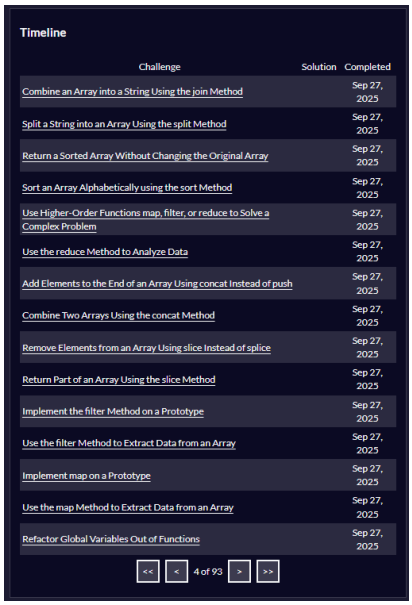

Timeline

Challenge	Solution	Completed
Combine an Array into a String Using the join Method		Sep 27, 2025
Split a String into an Array Using the split Method		Sep 27, 2025
Return a Sorted Array Without Changing the Original Array		Sep 27, 2025
Sort an Array Alphabetically using the sort Method		Sep 27, 2025
Use Higher-Order Functions map, filter, or reduce to Solve a Complex Problem		Sep 27, 2025
Use the reduce Method to Analyze Data		Sep 27, 2025
Add Elements to the End of an Array Using concat Instead of push		Sep 27, 2025
Combine Two Arrays Using the concat Method		Sep 27, 2025
Remove Elements from an Array Using slice Instead of splice		Sep 27, 2025
Return Part of an Array Using the slice Method		Sep 27, 2025
Implement the filter Method on a Prototype		Sep 27, 2025
Use the filter Method to Extract Data from an Array		Sep 27, 2025
Implement map on a Prototype		Sep 27, 2025
Use the map Method to Extract Data from an Array		Sep 27, 2025
Refactor Global Variables Out of Functions		Sep 27, 2025

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Timeline

Challenge	Solution	Completed
Pass Arguments to Avoid External Dependence in a Function		Sep 27, 2025
Avoid Mutations and Side Effects Using Functional Programming		Sep 27, 2025
Understand the Hazards of Using Imperative Code		Sep 27, 2025
Understand Functional Programming Terminology		Sep 27, 2025
Learn About Functional Programming		Sep 27, 2025
Implement the Chunky Monkey Algorithm		Sep 27, 2025
Implement the Mutations Algorithm		Sep 27, 2025
Where do I Belong		Sep 27, 2025
Implement a Falsy Remover		Sep 27, 2025
Implement the Slice and Splice Algorithm		Sep 27, 2025
Build a Title Case Converter		Sep 27, 2025
Build a Boolean Check Function		Sep 27, 2025
Build a First Element Finder		Sep 27, 2025
Implement the Truncate a String Algorithm		Sep 27, 2025
Build a String Repeating Function		Sep 27, 2025

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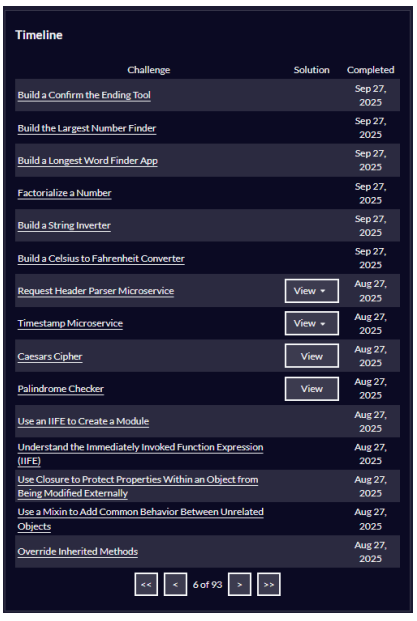

Timeline

Challenge	Solution	Completed
Build a Confirm the Ending Tool		Sep 27, 2025
Build the Largest Number Finder		Sep 27, 2025
Build a Longest Word Finder App		Sep 27, 2025
Factorialize a Number		Sep 27, 2025
Build a String Inverter		Sep 27, 2025
Build a Celsius to Fahrenheit Converter		Sep 27, 2025
Request Header Parser Microservice	View	Aug 27, 2025
Timestamp Microservice	View	Aug 27, 2025
Caesars Cipher	View	Aug 27, 2025
Palindrome Checker	View	Aug 27, 2025
Use an IIFE to Create a Module		Aug 27, 2025
Understand the Immediately Invoked Function Expression (IIFE)		Aug 27, 2025
Use Closure to Protect Properties Within an Object from Being Modified Externally		Aug 27, 2025
Use a Mixin to Add Common Behavior Between Unrelated Objects		Aug 27, 2025
Override Inherited Methods		Aug 27, 2025

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Certificates