

I can provide you with the information in a structured format that you can easily copy and paste into a document of your choice.

Here's the schedule in a Markdown format, which you can copy and paste into a text editor or an online Markdown editor, and then export or save as a PDF, Word document, or any other format you prefer.

markdownCopy code# 90-Day Full-Stack Development Schedule with JavaScript and DSA

Month 1: JavaScript Fundamentals and Basic Data Structures (30 days)

Week 1 (Days 1-7)

- Learn JavaScript basics (variables, data types, operators, control flow, functions, arrays, objects)

Week 2 (Days 8-14)

- Study fundamental data structures (linked lists, stacks, queues)
- Implement linked lists, stacks, and queues in JavaScript

Week 3 (Days 15-21)

- Explore binary trees and their traversal algorithms
- Implement binary trees in JavaScript

Week 4 (Days 22-30)

- Project: Build a simple calculator or a command-line utility using stacks and queues

Month 2: Advanced Data Structures and Algorithms (30 days)

Week 5 (Days 31-37)

- Learn about heaps, hash tables, and their implementations in JavaScript

- Implement heaps and hash tables in JavaScript

Week 6 (Days 38-44)

- Study graphs, graph traversal algorithms (BFS, DFS), and their applications
- Implement graphs and graph traversal algorithms in JavaScript

Week 7 (Days 45-51)

- Explore sorting algorithms (bubble sort, insertion sort, merge sort, quick sort) and their complexity analysis
- Implement sorting algorithms in JavaScript

Week 8 (Days 52-60)

- Learn searching algorithms (linear search, binary search) and greedy algorithms
- Implement searching algorithms and greedy algorithms in JavaScript

Month 3: Full-Stack Development (30 days)

Week 9 (Days 61-67)

- Learn React.js fundamentals (components, state, props, lifecycle methods, hooks)
- Build a simple React application

Week 10 (Days 68-74)

- Study Node.js and Express.js for building server-side applications and APIs
- Build a simple Node.js and Express.js application

Week 11 (Days 75-81)

- Learn about databases (MongoDB or SQL)
- Integrate a database with your Node.js application

Week 12 (Days 82-90)

- Work on a full-stack project, combining React.js, Node.js, and a database
- Deploy your application to a hosting platform