

JavaScript 3-Month Learning Plan (Basic to Mid-Level)

This roadmap is designed for Anis, who has already completed HTML and CSS (basic to mid-level). With 3-4 hours daily for 90 days, this plan will help build a strong JavaScript foundation with real-world projects and practice strategies to ensure long-term retention.

Month 1: JavaScript Basics + Foundation

- Week 1: Variables, Data Types, Operators, Basic I/O
- Week 2: Conditional Statements, Loops
- Week 3: Functions (declaration, expression, arrow), Parameters, Return
- Week 4: Arrays, Array Methods, Objects

Month 2: DOM + Events + Intermediate Concepts

- Week 1: DOM Selectors, InnerText/HTML, Style
- Week 2: Event Listeners, Forms, Validation
- Week 3: map, filter, reduce, forEach
- Week 4: Timers, Date, Math, Error handling

Month 3: Projects + Debugging + GitHub

- Week 1: Scope, Hoisting, Closures
- Week 2: 'this', call/apply/bind, Project work
- Week 3: LocalStorage, JSON, App Save Feature
- Week 4: Final Revision + GitHub Upload

90-Day Daily Routine (3-4 Hours/Day)

Day 1 (14 Jul 2025): Week 1: Variables, Data Types, Operators, Basic I/O

Day 2 (15 Jul 2025): Week 1: Variables, Data Types, Operators, Basic I/O

Day 3 (16 Jul 2025): Week 1: Variables, Data Types, Operators, Basic I/O

Day 4 (17 Jul 2025): Week 1: Variables, Data Types, Operators, Basic I/O

Day 5 (18 Jul 2025): Week 1: Variables, Data Types, Operators, Basic I/O

Day 6 (19 Jul 2025): Week 1: Variables, Data Types, Operators, Basic I/O

Day 7 (20 Jul 2025): Week 1: Variables, Data Types, Operators, Basic I/O

Day 8 (21 Jul 2025): Week 2: Conditional Statements, Loops

Day 9 (22 Jul 2025): Week 2: Conditional Statements, Loops

Day 10 (23 Jul 2025): Week 2: Conditional Statements, Loops

Day 11 (24 Jul 2025): Week 2: Conditional Statements, Loops

Day 12 (25 Jul 2025): Week 2: Conditional Statements, Loops

Day 13 (26 Jul 2025): Week 2: Conditional Statements, Loops

Day 14 (27 Jul 2025): Week 2: Conditional Statements, Loops

Day 15 (28 Jul 2025): Week 3: Functions (declaration, expression, arrow), Parameters, Return

Day 16 (29 Jul 2025): Week 3: Functions (declaration, expression, arrow), Parameters, Return

Day 17 (30 Jul 2025): Week 3: Functions (declaration, expression, arrow), Parameters, Return

Day 18 (31 Jul 2025): Week 3: Functions (declaration, expression, arrow), Parameters, Return

Day 19 (01 Aug 2025): Week 3: Functions (declaration, expression, arrow), Parameters, Return

Day 20 (02 Aug 2025): Week 3: Functions (declaration, expression, arrow), Parameters, Return

Day 21 (03 Aug 2025): Week 3: Functions (declaration, expression, arrow), Parameters, Return

Day 22 (04 Aug 2025): Week 4: Arrays, Array Methods, Objects

Day 23 (05 Aug 2025): Week 4: Arrays, Array Methods, Objects

Day 24 (06 Aug 2025): Week 4: Arrays, Array Methods, Objects

Day 25 (07 Aug 2025): Week 4: Arrays, Array Methods, Objects

Day 26 (08 Aug 2025): Week 4: Arrays, Array Methods, Objects

Day 27 (09 Aug 2025): Week 4: Arrays, Array Methods, Objects

Day 28 (10 Aug 2025): Week 4: Arrays, Array Methods, Objects

Day 29 (11 Aug 2025): Week 1: DOM Selectors, InnerText/HTML, Style

Day 30 (12 Aug 2025): Week 1: DOM Selectors, InnerText/HTML, Style

Day 31 (13 Aug 2025): Week 1: DOM Selectors, InnerText/HTML, Style

Day 32 (14 Aug 2025): Week 1: DOM Selectors, InnerText/HTML, Style

Day 33 (15 Aug 2025): Week 1: DOM Selectors, InnerText/HTML, Style

Day 34 (16 Aug 2025): Week 1: DOM Selectors, InnerText/HTML, Style

Day 35 (17 Aug 2025): Week 1: DOM Selectors, InnerText/HTML, Style

Day 36 (18 Aug 2025): Week 2: Event Listeners, Forms, Validation

Day 37 (19 Aug 2025): Week 2: Event Listeners, Forms, Validation

Day 38 (20 Aug 2025): Week 2: Event Listeners, Forms, Validation

Day 39 (21 Aug 2025): Week 2: Event Listeners, Forms, Validation

Day 40 (22 Aug 2025): Week 2: Event Listeners, Forms, Validation

Day 41 (23 Aug 2025): Week 2: Event Listeners, Forms, Validation

Day 42 (24 Aug 2025): Week 2: Event Listeners, Forms, Validation

Day 43 (25 Aug 2025): Week 3: map, filter, reduce, forEach

Day 44 (26 Aug 2025): Week 3: map, filter, reduce, forEach

Day 45 (27 Aug 2025): Week 3: map, filter, reduce, forEach

Day 46 (28 Aug 2025): Week 3: map, filter, reduce, forEach

Day 47 (29 Aug 2025): Week 3: map, filter, reduce, forEach

Day 48 (30 Aug 2025): Week 3: map, filter, reduce, forEach

Day 49 (31 Aug 2025): Week 3: map, filter, reduce, forEach

Day 50 (01 Sep 2025): Week 4: Timers, Date, Math, Error handling

Day 51 (02 Sep 2025): Week 4: Timers, Date, Math, Error handling

Day 52 (03 Sep 2025): Week 4: Timers, Date, Math, Error handling

Day 53 (04 Sep 2025): Week 4: Timers, Date, Math, Error handling

Day 54 (05 Sep 2025): Week 4: Timers, Date, Math, Error handling

Day 55 (06 Sep 2025): Week 4: Timers, Date, Math, Error handling

Day 56 (07 Sep 2025): Week 4: Timers, Date, Math, Error handling

Day 57 (08 Sep 2025): Week 1: Scope, Hoisting, Closures

Day 58 (09 Sep 2025): Week 1: Scope, Hoisting, Closures

Day 59 (10 Sep 2025): Week 1: Scope, Hoisting, Closures

Day 60 (11 Sep 2025): Week 1: Scope, Hoisting, Closures

Day 61 (12 Sep 2025): Week 1: Scope, Hoisting, Closures

Day 62 (13 Sep 2025): Week 1: Scope, Hoisting, Closures

Day 63 (14 Sep 2025): Week 1: Scope, Hoisting, Closures

Day 64 (15 Sep 2025): Week 2: 'this', call/apply/bind, Project work

Day 65 (16 Sep 2025): Week 2: 'this', call/apply/bind, Project work

Day 66 (17 Sep 2025): Week 2: 'this', call/apply/bind, Project work

Day 67 (18 Sep 2025): Week 2: 'this', call/apply/bind, Project work

Day 68 (19 Sep 2025): Week 2: 'this', call/apply/bind, Project work

Day 69 (20 Sep 2025): Week 2: 'this', call/apply/bind, Project work

Day 70 (21 Sep 2025): Week 2: 'this', call/apply/bind, Project work

Day 71 (22 Sep 2025): Week 3: LocalStorage, JSON, App Save Feature

Day 72 (23 Sep 2025): Week 3: LocalStorage, JSON, App Save Feature

Day 73 (24 Sep 2025): Week 3: LocalStorage, JSON, App Save Feature

Day 74 (25 Sep 2025): Week 3: LocalStorage, JSON, App Save Feature

Day 75 (26 Sep 2025): Week 3: LocalStorage, JSON, App Save Feature

Day 76 (27 Sep 2025): Week 3: LocalStorage, JSON, App Save Feature

Day 77 (28 Sep 2025): Week 3: LocalStorage, JSON, App Save Feature

Day 78 (29 Sep 2025): Week 4: Final Revision + GitHub Upload

Day 79 (30 Sep 2025): Week 4: Final Revision + GitHub Upload

Day 80 (01 Oct 2025): Week 4: Final Revision + GitHub Upload

Day 81 (02 Oct 2025): Week 4: Final Revision + GitHub Upload

Day 82 (03 Oct 2025): Week 4: Final Revision + GitHub Upload

Day 83 (04 Oct 2025): Week 4: Final Revision + GitHub Upload

Day 84 (05 Oct 2025): Week 4: Final Revision + GitHub Upload

Day 85 (06 Oct 2025): Project Revision / Practice

Day 86 (07 Oct 2025): Project Revision / Practice

Day 87 (08 Oct 2025): Project Revision / Practice

Day 88 (09 Oct 2025): Project Revision / Practice

Day 89 (10 Oct 2025): Project Revision / Practice

Day 90 (11 Oct 2025): Project Revision / Practice