

# 60-Day Software Engineer Daily Checklist

## Week 1

### Day 1: Setup & Basics

Set up VS Code, Git, GitHub. Learn variables, data types, write 10 basic programs.

### Day 2: Conditionals & Loops

Practice if/else, for/while loops. Solve 5 problems.

### Day 3: Functions & Strings

Learn functions, parameters, return types. Practice 5 string problems.

### Day 4: Lists & Dictionaries

Practice lists, nested loops. Mini-project: Calculator.

### Day 5: File I/O & Git

Learn file handling, exceptions. Create your first Git repo.

### Day 6: OOP Basics

Understand classes, objects, constructors. Build small blog system.

### Day 7: Mini Project

Build To-do App. Push to GitHub. Write README.

## Week 2

### Day 8: Arrays & Strings

Start LeetCode. Practice 5 array problems.

# 60-Day Software Engineer Daily Checklist

## Day 9: Linked List & Stack

Learn singly/doubly linked list. Practice 5 problems.

## Day 10: Queues & Recursion

Implement stack/queue. Practice recursion.

## Day 11: Hashmaps & Sets

Solve 5 hashmap problems. Start interview-style problems.

## Day 12: Sorting Algorithms

Bubble, selection, insertion sort. Implement and compare.

## Day 13: Binary Search

Practice classic binary search problems.

## Day 14: Weekly Review

Re-solve 10 problems. Reflect and revise.

## Week 3

## Day 15: Trees

Binary tree traversal. Practice 5 problems.

## Day 16: BSTs

Insert/delete/search in BST. Practice problems.

## Day 17: Graphs Basics

DFS, BFS, adjacency list/matrix.

## 60-Day Software Engineer Daily Checklist

### Day 18: Graph Problems

Shortest path, cycles, connected components.

### Day 19: Heaps & Priority Queues

Implement heap. Solve priority-based problems.

### Day 20: Greedy + Sliding Window

Max sum subarray, greedy coin change.

### Day 21: Weekly Review

Re-solve 10 mixed problems. Take a mock test.

## Week 4

### Day 22: Frontend Basics

Learn HTML, CSS, JavaScript. Build a basic webpage.

### Day 23: React JS Basics

Understand components, props, state. Build a counter app.

### Day 24: React Project

Create a mini project: Blog UI or Portfolio page.

### Day 25: Node.js & Express

Learn how to set up a backend server and create routes.

### Day 26: MongoDB & REST APIs

Create a database and connect it to backend using Mongoose.

## 60-Day Software Engineer Daily Checklist

### Day 27: Fullstack Integration

Build a full-stack app: MERN stack authentication or blog.

### Day 28: Deploy Project

Deploy project to Netlify or Vercel. Push code to GitHub.

## Week 5

### Day 29: Major Project Start

Design and plan a large-scale app. Choose features and tools.

### Day 30: Frontend Dev

Build full frontend using React, Tailwind/Bootstrap.

### Day 31: Backend Dev

Create REST API with auth, CRUD, error handling.

### Day 32: Database Integration

Add MongoDB, test endpoints with Postman.

### Day 33: Finalize UI/UX

Polish frontend, responsive layout, accessibility.

### Day 34: Deployment

Deploy full app. Add domain if possible.

### Day 35: Write Documentation

Write README.md, user guide, upload video demo.

# 60-Day Software Engineer Daily Checklist

## Week 6

### Day 36: Resume Writing

Write clean 1-page resume. Highlight projects + DSA.

### Day 37: LinkedIn Setup

Update profile, banner, about, skills. Add projects.

### Day 38: GitHub Cleanup

Make all repos clean, documented. Star key projects.

### Day 39: Mock Interview 1

Do 1 DSA mock + behavioral interview.

### Day 40: System Design Basics

Learn Load Balancer, Caching, DB Scaling.

### Day 41: Apply for Internships

Send 10 applications. Track them in Notion/Sheet.

### Day 42: Mock Interview 2

Focus on System Design + Resume feedback.

## Week 7

### Day 43: Open Source Setup

Find 2 beginner issues on GitHub. Read docs.

## 60-Day Software Engineer Daily Checklist

### Day 44: Contribute Code

Fix a bug or improve doc in 1 open-source repo.

### Day 45: Advanced LeetCode

Solve 3 medium+ problems from arrays/trees/graphs.

### Day 46: Hackathon Practice

Join online hackathon or build a creative app in 12 hrs.

### Day 47: Real Interview Practice

Apply to 5 more jobs. Attempt HackerRank test.

### Day 48: Create Portfolio Site

Showcase your resume, links, blog, GitHub projects.

### Day 49: Weekly Review

Reflect, list achievements, improve weak areas.

## Week 8

### Day 50: DSA Revision

Solve top 10 problems from your past mistakes.

### Day 51: Project Polish

Fix any pending bugs, UI glitches in major project.

### Day 52: Networking

DM 5 devs on LinkedIn, ask for feedback or collab.

## **60-Day Software Engineer Daily Checklist**

### **Day 53: Interview Practice**

Practice STAR format answers, tell your story.

### **Day 54: Content Creation**

Write a blog/post about your journey. Share it online.

### **Day 55: Final Mock Interview**

Take mock with friend/mentor. Simulate real job round.

### **Day 56: Launch Day**

Post your resume, projects on LinkedIn. Start applying massively!