Specialist Programmer practice links

Bit Manipulation:

1. https://www.hackerearth.com/practice/basic-programming/bit-manipulation/basics-of-bit-manipulation/practice-problems/
2. https://medium.com/techie-delight/bit-manipulation-interview-questions-and-practice-problems-27c0e71412e7
3. https://www.hackerrank.com/domains/algorithms/bit-manipulation/page/1

Functional Programming:

1. https://www.hackerrank.com/domains/fp
2. https://users.drew.edu/bburd/FunctionalProgramming/ExercisesToAccompanyIntroductionToFunctionalProgramming.pdf
3. https://www.codewars.com/collections/functional-programming-practice

Greedy Algorithms:

1. https://www.hackerearth.com/practice/algorithms/greedy/basics-of-greedy-algorithms/practice-problems/
2. https://www.codechef.com/tags/problems/greedy
3. https://medium.com/techie-delight/top-7-greedy-algorithm-problems-3885feaf9430

Binary Search:

1. https://www.hackerearth.com/practice/algorithms/searching/binary-search/practice-problems/
2. https://www.hackerearth.com/practice/algorithms/sorting/merge-sort/practice-problems/
3. https://www.hackerearth.com/practice/algorithms/sorting/quick-sort/practice-problems/

Dynamic Programming:

1. https://www.hackerearth.com/practice/algorithms/dynamic-programming/introduction-to-dynamic-programming-1/practice-problems/
2. https://www.hackerearth.com/practice/algorithms/graphs/graph-representation/practice-problems/
3. https://www.hackerearth.com/practice/algorithms/graphs/depth-first-search/practice-problems/
4. https://www.hackerearth.com/practice/algorithms/graphs/breadth-first-search/practice-problems/
5. https://www.hackerearth.com/practice/data-structures/trees/binary-search-tree/practice-problems/
6. https://www.hackerrank.com/domains/data-structures?filters%5Bsubdomains%5D%5B%5D=trees