Design and Analysis of Data Structures and Algorithms (Java):

By Abhimanyu Kumar (GuruG)

7.5 years’ experience in core development

A Chance to switch from service to product based organization.

Timing: 8am to 1pm (Saturday & Sunday) Duration: 5.5 months

Contact: +91-8792462270(10am-4pm) Batch start: 1April2018 (10 seat only)

Address:

Data Structures:

=========================================

1. Analysis of Algorithms (time and space complexity)

2. Recursion

3. Movement of pointer/reference

4. Design and analysis of Nodes

5. Linked List (singly, singly circular, double and doubly circular)

6. Stack

7. Queue

8. Binary Tree

9. Binary Search Tree

10. Heap

11. Hashing (Cache implementation by Data Structures)

12. Graph

13. Array

14. String

15. Matrix

Algorithms:

=============================================

1. Analysis of Algorithms (Asymptotic notation)

2. Searching

3. Sorting

4. Greedy Algorithms

5. Dynamic Programming

6. Backtracking

7. Divide and Conquer

8. Branch and Bound

9. Pattern Searching

10. Other String Algorithms

11. Geometric Algorithms

12. Mathematical Algorithms

13. Bit Algorithms

14. Graph Algorithms

15. Randomized Algorithms