

# Important Algorithms Every Programmer Should Know



# Algorithms

---

- **Singly Linked List Reversal**
- **Flyod Cycle Detection Algorithm**
- **Sliding Window**
- **Binary Search**
- **Kadane's Algorithm**
- **Quick Select**



# Algorithms

---

- Insertion Sort
- Selection Sort
- Counting Sort
- Heap Sort
- Merge Sort
- Quick Sort
- Topological Sort



# Algorithms

---

- **Preorder Traversal of a Binary Tree**
- **Inorder Traversal of a Binary Tree**
- **Postorder Traversal of a Binary Tree**
- **Level Order Traversal**



# Algorithms

---

- **Breadth First Search in a Graph**
- **Depth First Search in a Graph**
- **Flood Fill Algorithm**
- **Kruskal's Algorithm**
- **Floyd Warshall Algorithm**



# Algorithms

---

- **Dijkstra's Algorithm**
- **Bellman Ford Algorithm**
- **Lee Algorithm**
- **Graph Bipartite**
- **Union-Find Algorithm**



# Algorithms

---

- KMP Algorithm
- Euclid's Algorithm
- Boyer–Moore Majority Vote Algorithm
- Dutch National Flag Algorithm



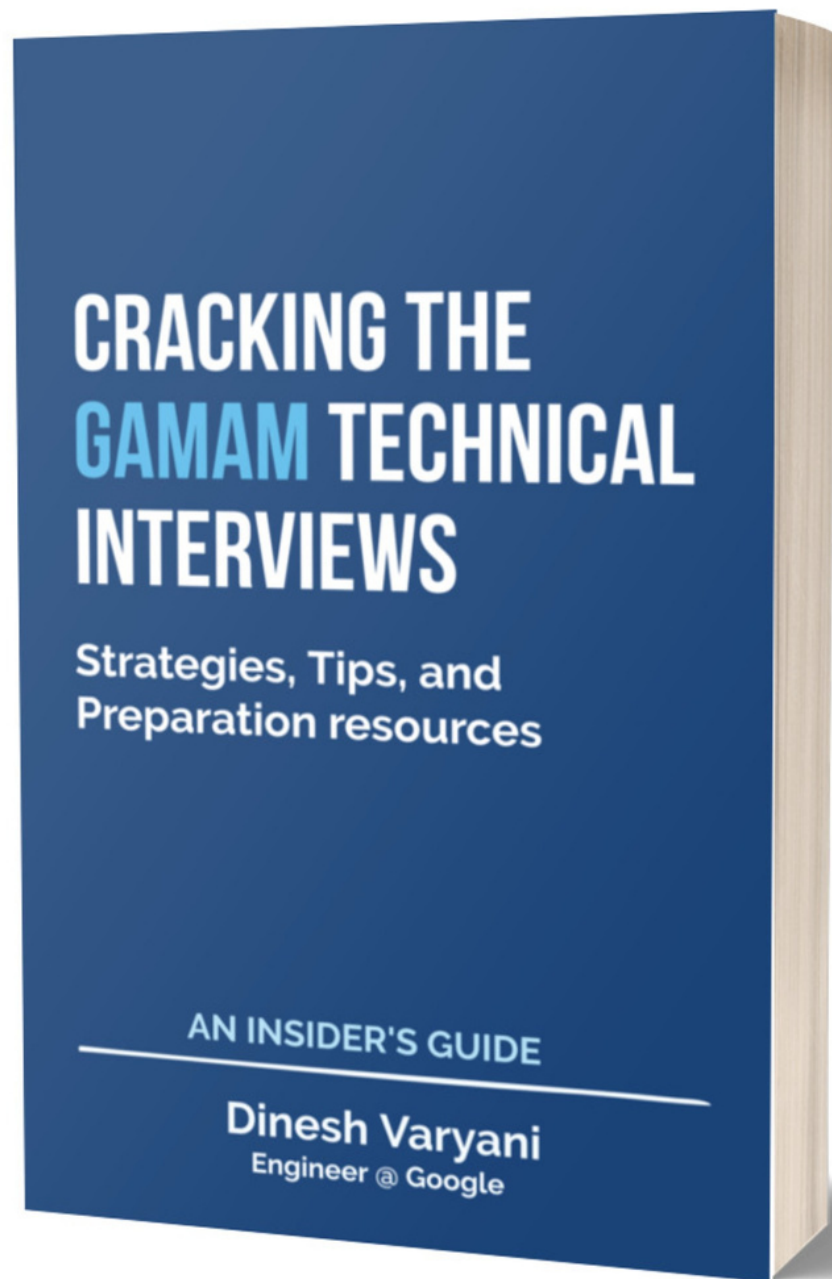
# Algorithms

---

- Huffman Coding Algorithm
- Detect Cycle in a Directed Graph
- Zig Zag Traversal of a Matrix
- A\* Algorithm



# Cracking the GAMAM Technical Interviews



**Buy Now**



**THANK YOU !!!**

**For more such content  
follow**

**@Dinesh Varyani**