

Interview-Favorite Sorting Algorithms (Learn with Confidence)

Algorithm	Must for Interviews?	Use in Production?	Notes
QuickSort	✅ Yes	✅ Yes (internally)	Know logic, partition, and dry run
MergeSort	✅ Yes	✅ Yes	Especially when stability is key
HeapSort	✅ Good to Know	👎 Rarely used	Learn heap separately too
CountingSort	🟡 Sometimes Asked	✅ For small integers	Not general purpose
Radix/BucketSort	🟡 Advanced Use	✅ Specific use-cases	Good for numbers/digits only
Bubble/Selection/Insertion	👎 Not Asked	👎 Not used	Only for basics/warmups