**Symantec Interview experiences:**

Package: 4.75-5.25 without CTC + benefits (free food, medical insurance, stock benefits)

Based on the performance your package will be determined.

They took for Developer, QA Engineer, Quality Analyst(for this alone package is 4.5 – 5 )

Location : Based on preference (Chennai/Pune…but for all of us they took for Chennai only)

Initially they said “wherever you searched in internet for Symantec questions, it’s of no use”!!!

Anyway I will share the questions to at least get some idea.

**Written:**

As they mentioned initially all questions were new yet quite solvable.

+2 for correct answer

-1 for wrong answer

If you get at least 8-10 questions correct , chances are there to move to next round.

They shortlisted around 50 from this round.

Questions were from Data Structures, OS, few math questions, networks.

“Pages arrive in the following order in main memory 1,2,3,….N,N+1,1,2,….,N,N+1. Initially main memory is empty and its capacity is N and LRU is used. How many page faults would have occurred ?”

Ans: 2N+2 (most of them wrote N+2 as the answer (including me :P) forgetting the fact that first 1….N are also page faults!! ).

Question about signal handler, ICMP (read this well, they even asked in interview) , TCP

Simply DS ques .. What DS will you implement queue provided its size can increase anytime ..ans: Linked list

Choosing the best data structure under given condition

Math…sqrt(1+(sqrt(1+(sqrt(1+……)))=30….

**Interview:**

3 Tech interviews + 1 HR…Every round is an elimination round!!! (unfortunately I faced 4 tech + 1 HR !!!!)

There were many panels around 10 I think!! The panel members I faced were not quite difficult..but I heard some other panel members asked lot of tough ques too…But all interviewers were very friendly

**Tech 1:**

U have programs of size 200 mb, 300mb ..ram is size is only 400 mb .. u have to execute both prog…

I told paging ..including the necessary pages alone and also overlays

Code for singly linked list….i used 3 pointers…I took more time for this since I got nervous..any interviewer waited until I completed.

Some of my friends got these..what is firmware…Implement dfs…about projects mainly focusing on how u implemented oops concepts…paging…and also many DS ques..

**Tech 2:**

Intially they asked lot of networks ques….about ICMP how and where it is implemented…Socket Programming ..code for tat…Explain how connection establishment happens..what protocols…

What happens when click google.com….

I was bit weak in networks but tried to manage ..I dint give complete full explanations..but tried like it happen like this…if I don’t know, I tried to tackle like I know about it in brief but not sure in detail like tat..they will immediately move for next ques.

Code for circularly linked list...

Reversing a doubly linked list….

Some questions from resume..

**Tech 3:**

Since my areas of interest was algorithms and DS..He asked what programming techniques u know?...I said greedy, DP

He asked to implement Dijikstra….But I read tat long back and forgot :P…and convinced him that I m not good at graph algorithms…

So he asked to write code for backtracking….I wrote that snippet of permutation of a string (not fully though :P) and explained the working..he was ok..

Code for Producer , consumer problem using semaphores…done…

**Tech 4:**

Thinking that it was final HR round late by 10 pm , it was tech again !!

Puzzles…8 balls , all balls weighs equally except one..how will find it out in minimum no. of weightings? .. ans: 2 (take 3+3…then 1+1..)

He gave figure similar to rectangle with some portion cut..divide it 2 equal parts..then 3…then 4….then another figure into 13 !! (I was unable to do this alone)

Again networks ☹ .. Difference HTTP and HTTPS (this ques was asked for many people).. How security is given in HTTPS…

What factors u will consider when u design an application for a static site, intranet and in WWW….I blabbered like for intranet it must secured ..access must be restricted to outside ppl…for WWW site should not become busy and should be capable of handling many requests…don’t know whether I was right..

Train coach seats are represented in linked list 1->2->3->…..->71->72….In the data portion Boolean value 1 indicates seat is occupied..0 indicates seat is free…code for finding 3 consecutive free seats….u can give importance to either memory or performance..

I took performance into account..gave sol using 3 pointers..he was ok….

**HR:**

Just an informal round with few HR ques ..location preference….higher studies ?(ALWAYS SAY NO…He ll dig again…say NO again)….whether u ll accept for QA also?

Finally results were announced…happy ☺ and we were offered with “NORTON ANTIVIRUS 2011” ☺