

## Programming , Resume and Placement Suggestions

Value addition in resume : [github](#) profile url

github : Collaborative work , version control , location where majority open source have their repository / code

A starting step : when you code lab programs , synchronise the folder with github end of day

Participate in coding competitions : Sometimes recruitment / coding is entirely **on** Online Programming Platform like :

[HackerRank](#)

[CodeChef](#) ( Small step : Practice > [Beginner](#) )

ACM International Collegiate Programming Contest : [ICPC](#)

Google Summer of Code : [GSoC](#)

[Kaggle](#)

**Question** : How participants are able to come up with solution quickly ?

Have your library functions that implement generic solutions of sorting like Quick sort, optimisation especially Dynamic Programming , generating permutations, searching , string matching - Agreed will take time , but :

On breaking problem in **sub problems** , sub problems that can be solved with your library functions,

An integrating code - you got solution

Afraid of programming:

**No worries** - Start with documentation

Documentation : write comments for existing projects : [github](#)

New to programming :

Can always start with a beginners course  
on [NPTEL](#) , [Coursera](#) , [edX](#) or [Udacity](#) ( And also obtain a certification at end of  
course. )

## Guidelines for Resume Format for Placements

( Following are few guidelines for Resume that were suggested by our Training and Placement Officer , Pradeep , SJCE )

1. Please name your resumes properly: name it as just: ( if sharing / sending resume then )  
Your Name, do not name it as myResume or Resume1 or ResumeFinal or myFriendsResume etc  
Name as : FirstName LastName  
or  
Your Name Branch(just initials): FirstName LastName CSE  
or  
Your Name Branch CollegeName(just initials.): FirstName LastName CSE GIT

2. Do not include Title like Resume, Bio Data, CV, Curriculum Vitae.

(Generally, when are the Titles used: Bio Data - if married, Resume - roughly 1 – 1 ½ year experience, Curriculum Vitae - 2 plus years experience)

3. Include Only Name, Mobile Number And Email ID, and **github / linkedin profile** link.  
Please do not change Mobile Number and Email ID till completion of BE/MTech.  
Please make sure mail id is decent (avoid nickname , slangs)

4. Objective:

Better do not include.

If you want to include then keep it short, one - two line. If you are mentioning key words like challenges, team player, then you should **have had** experiences in same.

5. Course Details:

Order: Higher(MTech) degree to Low(SSLC) (Just aggregate)

Table would be good: Degree , College , Completion year, Percentage

6. Technical Skill

Programming Languages: Include in order of proficiency

Tools/Packages

Do not include MSOffice, Word . .

7. **Projects**

Project description be within **Five Lines**

Most of the time Interview stressed on projects, be well prepared.

8. Extra Curricular

IEEE, CSI, LCC , technical events . . . Include only if you have organized events  
Or won events.

9. Hobbies

Do not mention listening music, newspaper reading etc (they are pass times)

Be realistic in listing.

Even if hobby not mentioned its ok, but **justify** it with academic or responsibilities.

10. Strength and Weakness

Better do not include.

If you are including Strength, then also include weakness.

Include Strength and Weakness **ONLY** if you can **justify** them with an example.

11. **Do not** include Declaration, Signature, Date, Place, References, Personal Details (like Height, Weight, Caste, DOB, Father, Mother name, occupation, Address etc . . )  
(We are not enrolling to Matrimonial site)

It's your resume; you should be confident of your details, **need not** declare and sign it.

12. And important **Do not worry** if resume is only one page.

Dress code and Document **Guidelines** for Placements ( May vary for each college ) :

1.**Dress Code**

2.**Documents**(To be carried for all events)

i.Two Passport size photos

ii.Resume

iii.Marks Cards (entire education), [achievements]

iv.**Writing Pad**

## Placement process

( Generally for most companies - )

**1.Presentation: Pre Placement Talk** by the company representatives (Pre Placement Talk mostly covers Company details, Eligibility conditions if any, Job profile details, may announce stipend , CTC / salary / package )

Eligibility: Varies for each company

Most decide on their **Test Performance** (described next)

Or **generally 6.75** CGPA or 60%

**2.Test:** ( Pre placement talk is followed by aptitude / technical test )

Online or Written Test

Please practice programming problems on [Code Chef](#) , [Hacker Rank](#) like web sites to get used to online programming environment

Format of test may be informed right before test. ( Or please check [Freshersworld](#) , [IndiaBIX](#) for earlier format and questions in tests of the company )

Be prepared for core subjects and aptitude.

Core subjects for Computer Science – Programming ( in C ) , Data Structures , Algorithms , Database , Operating Systems , Computer Organisation and Computer Networks.

( Depending on company – There may be multiple Online or Written Rounds. )

Tips : Please check and prepare for :

Technical question - [Geeks for Geeks](#) , [Code Chef](#) , [Hacker Rank](#)

Aptitude – [Khan Academy](#) , Quantitative Aptitude by Abhijit Guha

Verbal / general vocabulary

Logic Reasoning , Puzzles - Puzzles to Puzzle You by Shakuntala Devi

### 3. Personal Interview:

3.1 **Technical** round – Please be prepared for “Tell be about yourself” or “Why this company”. Then Question on Computer Science Basics , may be even puzzles.  
( Please check company profile on – [Glassdoors](#) , [LinkedIn](#) )

Please add **any Extracurricular project** works , **programs** developed in **resume**. This definitely will be a discussion point. You can lead the interview from here on.  
( Bring interviewers to your area of expertise )

Depending on company number of technical rounds may vary.

3.2 **HR** round – ( Human Resource ) ( Non Technical round ) Questions on your goals, hobbies, strength and weakness, where do you see yourself in 5 / 10 years.

Also be prepared with some details of company like CEO, Net Worth , Area of expertise of company.

All The Best !