# Mentor Session on Internship/Placements

https://prod-files-secure.s3.us-west-2.amazonaws.com/bfaa5303-22e2-4140-86b6-070eed7874d1/396e71aa-2466-405f-96b2-3015e62a119e/Untitled.mp4

## For any job application

▼ Create a resume

1. Great things under the belt imp ( Good projects , skills are primary )

2. Always use complete sentences through out the resume
   E.g. instead of 1750 at codeforces
   Achieved a max rating of 1750 on codeforces on Global round 69

3. Include imp keywords for the specific job role and customize for job
   Use
   https://www.faangtechleads.com/resume/checklist

4. Use the single column black-colored resume template (Hacker-rank)

5. Use OverLeaf (in-built Latex )  never use docx or wordfiles

6. Experience > real-world projects > technical skills > achievements > extra-curriculars
   ( Internship experience is always great )
   Experience + project should be more than 50% of your resume
   No need of certifications

7. Don't use more than 4 lines for skills,
   Languages, Frameworks/libraries, Tools/Softwares

8. Try including minimum 3-4 projects with each project being descriptive
Projects should have variability ( desktop apps in pyqt, meaningful full-stack web app or mobile app, performance optimization / object oriented coding in C++, Hardware or OS related projects ) try covering as many domains as possible
Never make clone for projects and never ever use clone keyword in your resume
Don't include more than 4 point for each project
Hight light key words, but don't have too many bold words such that it become distracting

9. Experience has the most weightage in resume so aim for internship in 2nd year itself
( Internshala, naukri.com, yc combinators )

## EXPERIENCE

**Pocket FM** | Skills - Django, Python, Kafka, Redis, MySQL, AWS    December 2023 - Present
*Backend Developer (Intern)*
- Contributed to the growth of **PocketFM**, India's largest audio OTT platform, serving over **100 million users**.
- **Enhanced existing APIs** with new features, improving performance and scalability.
- Implemented **caching with Redis**, optimizing system performance and response times by up to **35%** for some APIs.
- Developed **A/B Experiments** leading to a **12% increase in user engagement** and a **13% increase in retention**.
- Actively participated in **debugging and resolving API issues**, ensuring a smoother user experience.

**MAQ Software** | Skills - React.js, Python, MySQL, PowerBI    May 2023 - July 2023
*Associate Software Engineer (Intern)*
- Ensured data accuracy across data streams by creating **50+ meticulous test cases**, improving data reliability by **20%**
- **Automated rollover changes** with data pipelines, reducing manual work by **30%**.
- Created multiple **user-friendly interactive** interfaces using **React.js**.
- Designed **PowerBI reports** for a **Fortune 500 US multinational**, driving actionable insights

**Scaler Academy** | Skills - Data Structures, Algorithms, Debugging, Problem Solving    March 2023 - Present
*Teaching Assistant*

## EXPERIENCE

**Freelance Frontend Web Developer**    July 2023 – December 2023
*Freelancer*
- Developed **responsive** frontends for **multiple projects** including a swimming pool booking website ☑, and a website for a YouTuber ☑, resulting in a **30% increase** in user engagement and a **20% decrease** in bounce rate.
- Designed and deployed a booking form for the swimming pool party booking website, resulting in over **12+ bookings** within the first month.
- Worked closely with clients to understand their vision and delivered **personalized websites** that exceeded their expectations.
- Utilized **SEO best practices** to improve the **website's visibility**, leading to a **60% increase** in organic search traffic within **3 months**.

**Deviant Strokes**    August 2018 – October 2018
*Frontend Developer Intern*    *Goa, India*
- Developed design mockups provided by the team into fully functional and **responsive** websites.
- Implemented optimization techniques resulting in a **30%** improvement in website performance and loading speed.
- Collaborated closely with **cross-functional teams** to ensure consistency between design and implementation.
- Created **dynamic** user interfaces using HTML, CSS, JavaScript and Bootstrap, while conducting thorough website testing and debugging to ensure **cross-browser compatibility** and resolving **15+** issues.

## PROJECTS

10. Leetcode rating generally has more weightage so put your leetcode (2300-2400) rating or if ICPC ( 1800-1900 ) achievements

11. Why are you building the project?
How will you scale the project?
In depth techstack of the project
Impact/Results of the project? (Real traffic is always great)

**Have a personal metric dashboard for your websites**

12. If you don't get a big winter internship, go for a small winter internship and you will get a good summer internship later on.

13. Never make resume more than 1 page

▼ Get a referral ( You won't get a interview without referral )

    ▼ What happends during a referral

        1. You ask for a referral from a person X  working in google

        2. You get a mail from google, a person X has referred you and using this referral you can apply to 3 positions in this company

        3. after getting the apply link from email then only apply for job

    1. Have a great linked-in profile

    2. Early stage startups can get you opportunities / referrals from linkedin itself

    3. Have a personal website

▼ Getting a interview

    1. No matter how best the resume, if it doesn't fit the job description it will get rejected

    2. Keep you CGPA really high (atleast top 5-6 in your college else it's difficult to get )

    3. Start cold mailing to hiring managers, recruiters and small scale startup CTO's
The statistics are 10/15 will revert back out of 350 valid emails from 600 emails you searched for on the internet

    4. Targetting mail ids is better than linkedin

    5. Practise Interview using ChatGPT, give it your resume and tell it to ask questions

▼ DSA/CP round

    1. In any interview round
First verbally explain the brute force approach
Then explain the optimal approach
and after getting the thumb's up, start coding

▼ System design round

    1. A Low level design round (Open ended questions and you have to design constraints yourself )

    2. A little bit of OOPs knowledge is required

3. A high level system design round

4. Resources ( Gang of Four & Headfirst design Pattern )

▼ HR round