DISHA Session - Virtual Classroom - Compiled Notes

Resume Preparation Workshop - Notes

Which information should and shouldn't be mentioned in my resume?

- Objective:
    - ~~Google 'How to write a fresher resume objective?'~~
    - ~~Copy from a friend :)~~
    - Just think about yourself and what you want to achieve -- "I want to be a successful Embedded Systems / IoT / FullStack Web development engineer, working on latest technologies and make my company successful"
- Experience:
    - ~~Internship in BSNL / Electricity board / Indian railways~~
    - ~~I was a student ambassador in Internshala~~
    - Any experience which is more than **6 months**, please mention
        - Sales / Marketing
        - Lecturer
        - Hardware job
        - IT job
    - Majority of you are worried about the "Gap" . Please DON'T hide any information!
    - In order to have a career in core Embedded / IoT / FullStack → Emertxe / WSA

- Education:
    - Place the latest degree on top (MTech -> BTech -> XII (Diploma) -> X)
    - Percentage in Engineering:
        - Different universities have different calculation mechanisms (1-8 / 5-8 / 7-8) → Whatever is in your certificate that's fine!
        - Percentage vs CGPA (**60% = 6.0 CGPA**)
    - **Be accurate with your data: DON'T apply any approximation!!**
        - **65% and above can apply**
        - ~~64.3 -> 0.7~~
        - ~~62 -> 3~~
        - ~~55 -> 10~~
        - ~~50 -> 15~~
- Skills:
    - ~~Technical Skills: Windows XP, Windows Me, Windows 8, Windows 10~~

- ○ ~~Windows: MS Office (MS word, Excel, PPT), Notepad, Paintbrush~~
- ○ ~~C (Basic), C++, C++++~~
- ○ **Mention skills as provided in the resume template.Ensure you only mention skills upto the modules you have completed.**

- ● Project details:
  - ○ College project: Purchased project (IEEE / IoT ….) + PPT + Code
  - ○ **Some companies ask for your academic project details in interview, ensure you mention them**
  - ○ Mentioning about Emertxe project is very important as shown in resume template

- ● Achievements:
  - ○ ~~I completed my engineering ;-)~~
  - ○ ~~Attended a tech-fest in some other college ;-)~~
  - ○ ~~Internship in BSNL~~
  - ○ ~~Attended IoT workshop on line follower robot (Thippusultan time)~~
  - ○ Significant - IEEE level / State level / Patent / Country level etc…
  - ○ Volunteering - NSS / NCC / NGO

- ● Hobbies:
  - ○ ~~Reading books~~
  - ○ ~~Listening to music~~
  - ○ ~~Surfing internet~~
  - ○ **Hobby (Lot of effort and passion) vs Time-passing**
    - ■ Sing like latha mangeshkar / Asha bhosle
    - ■ YouTube channel -> Link
    - ■ Facebook page -> Memes (Malayalam)

- ● Personal details: Most of the personal information is not required. Companies will take all of them from you after you get selected, at the time of joining.
  - ○ ~~Father's name~~
  - ○ ~~Father's occupation~~
  - ○ ~~Mother's name~~
  - ○ ~~Mother's occupation~~
  - ○ ~~Languages known~~
  - ○ ~~Address~~
  - ○ ~~DOB~~
  - ○ ~~Siblings~~
  - ○ ~~Marital status: Single and actively looking ;-)~~
  - ○ ~~**Email & Phone**~~
  - ○ ~~Nationality~~
  - ○ ~~**Blood group**~~

- ~~Aadhar number~~
- ~~Gender: Don't have any doubts here ;)~~
- ~~Passport number~~
- ~~Mobile number Self & GF ;)~~
- ~~License number~~
- ~~References~~
- ~~PAN number~~
- ~~Ration card~~
- ~~Bank account / UPI~~
- ~~Social media profiles~~
- ~~PIN code~~
- ~~Date & Sign:~~
- ~~Reference:~~

How to add information in my resume as per Emertxe template? Some tips and inputs.

- Objective section:
  - What is your goal -- Convey your passion for Embedded / IoT / FullStack
  - How can you make the company successful?
  - I want to make **our company** successful by contributing….

- Don't have cryptic email IDs. Create a professional looking one.

  - ~~Naveen -- naveenthetiger@gmail.com~~
  - ~~Shalini -- shalinithesweety@gmail.com~~
  - ~~Rekha -- chocolategirl@gmail.com~~
  - ~~Udit -- unhandledexception@gmail.com~~
  - ~~Arun -- arun64783829102838@gmail.com~~
  - Arun -- arunkumar.engineer@gmail.com
  - Shalini -- shalinichander@gmail.com

- Have one phone number for all official communications. Don't do the following:

  - ~~Naveen Student~~
  - ~~NaveenWhatsApp Student~~
  - ~~NaveenJio Student~~
  - ~~NaveenFriend Student~~

- Thumb rules from Emertxe placement department:

  - Don't talk with our students directly (Companies)
  - Don't talk with the company directly (Students)
  - All communication via Emertxe Placement department

- U can mention any additional skill-sets provided you are CONFIDENT. Otherwise DON'T mention. It will only put you in trouble during interviews!

- All Emertxe students do the same projects. This can come in interviews.In such cases mentioned that projects are done on an individual basis. This is NOT a team project. Differentiate yourself in key challenges & learnings sections.

- In the Course-work section, only mention subjects that are relevant to Embedded systems and you are confident. If you are NOT confident don't mention them.

    - ~~Mathematics - I, II, III (Failed twice and cleared), IV~~
    - ~~Economics~~
    - ~~Basic Mechanical Engineering~~
    - Microprocessors
    - Basic Electronics
    - Digital Signal Processing
    - Digital and Analog Circuits

- In College names, mention only university names as college names are very long sometimes.

    - ~~RKMYRCE Engineering Colleges~~
    - ~~JGRMV College of Engineering~~
    - VTU
    - JNTU
    - Anna University
    - Delhi University

- Thumb rule: Whatever you mention, ensure you are 100% confident. In case you are not confident, remove it from the resume.

<div align="center">**Interview Preparation Workshop - Notes**</div>

- **Bond = Negative impression among our students. Don't have that!**
    - 3 year bond:
        - 25,000 / Month -> Starting Salary
        - Performance Evaluation (6 months or year) / Appraisal
        - Salaries will get revised based on your performance
        - 1.5 - 2.0 Lakhs / Person & 4 months time
        - Return On Investment (ROI) -- companies want to get them
    - Strongly recommend that in your first job stick for a minimum 3 years. It's not only about the salary part, getting good learning about technical Technical +

Process + People + Client is very important, which will play a strong role in your career in the long run.

- Ensure you read Company Profile / Job Description / Company URL mentioned in the placement application. Spend at-least 3 minutes looking into them. It will make a lot of difference when you attend the interview.

- Technical Interviews: There is a chance that questions will be asked from modules which are not completed. Don't tell the answer "module not completed" which will only bring your selection chances down. Rather answer the sections which you know well.
  - C (8/10 correct answers) + MicroController (4/10 correct answers) -> Good
  - C (2/10 correct answers) + MicroController (3/10 correct answers) -> Not Good

- **How was the interview? -> Retrospection / Analysis (15 minutes)**
  - Student response:
    - "It was good sir!"
    - "It went well sir, I answered all questions"
    - "Super sir….I am sure I will get selected"
  - Company response:
    - "Your students lack basic understand of programming"
    - "They couldn't clear basic technical questions"
  - Always analyze by discussing with friends and mentors and clearly understand where you stand. Don't have a self assumption that I have done well.

- **The interviewer asks, Do you have any questions for me? How to answer them?**
  - In which technology projects are in this company?
  - Can you please share me with your feedback?
  - ~~Am I selected or rejected?~~
  - ~~When will you get back to me?~~
  - ~~How long have you been working at this company?~~
  - ~~Are you not looking for a change?~~
  - ~~Can you please share with me your mobile number?~~

- **HR Interview Questions -> Be diplomatic & Politically correct. It's not a technical interview, the situational answering matters a lot.**
  - How much salary do you expect?
    - ~~Don't utter any number! (25,0000 / month)~~
    - As discussed with our placement department
    - As per your company policy, all I am looking for is a good career in Embedded / IoT / FullStack domain

- **Are you interested in development or testing?**

- - **I am flexible (Don't utter anything else, just answer this)**
  - Whatever the company asks me to do I am ready to do :-)

- **Where do you see yourself after 3 years?**
  - ~~Abroad plan / Higher studies plan - Strictly no!~~
  - **I want to learn new things and grow in my career in Embedded / IoT / Fullstack domains**

- **What are your short term goals?**
  - Get a job into a company like yours! Learn a core domain

- **What are your long term goals?**
  - I want to learn new things and grow in my career in Embedded / IoT / Fullstack domains

- **Why should I hire you?**
  - Hardworking - I can learn things.
  - Flexible - I am open for any role / suggestions.
  - Career vs Job - I am looking for a career and grow along with the company

- **Why do you want to join this company?**
  - 3 minutes in looking into company website helps here
  - Technology -> Looking to the company website looks
  - Give specific points about the company and convince the interviewer

- **Tell me about yourself**
  - Name, Native, College (Personal)
  - Course in Emertxe / WSA
  - Currently…..
  - What am I looking forward to? Get a job in a good company like yours!
  - ~~My father has takena loan, but couldn't repay. The loan providers are asking for the money. If you don't give me this job, I will commit suicide.~~
  - ~~I had a love failure. I want to prove to that girl that I can achieve something. So please select me!~~

- **What if I don't select you?**
  - Retrospection / Analyse - What have I done well? Where did I go wrong?
  - Improve in my next interviews

- **My English is not that good. Will it affect my interview?**
  - ~~Communication skills = Spoken English - This is incorrect!1~~
  - Communication skills = Confidence (Assignments / Projects will build them)

- ○ Engineer's job = Technical responsibility. As long as you are able to provide technically correct answers in simple English, that's more than enough.

- **Embedded Jobs vs IoT Jobs are they the same or different?**
  - ○ Embedded Systems course:
    - ● Building a device (ECEP course)
    - ● Dealing with much lower level programming (example - PIC)
  - ○ Embedded IoT Course
    - ● Building a device (Embedded skillset) & Integrate with cloud
    - ● Integrate with application (Mobile App - Android)
  - ○ Both courses are targeting jobs in Embedded industry only

- **What type of jobs are we targeting through our placements?**
  - ○ Hardware (ECE / EEE / EIE) -> VLSI design, Board Design, Chip design etc..
  - ○ **Software:**
    - a. IT software (CSE or any other branch)
    - b. Core job (ECE / EEE / EIE) -> **Embedded Software / Firmware**. Under the umbrella the following are some of the roles. Companies will place you in anywhere depending on their requirement.
        - i. Design Engineer
        - ii. Development Engineer
        - iii. Test Engineer -> Monotonous job! (IT started in 1990)
            1. Development Engineer - First class AC compartment
            2. Test Engineer - General compartment without ticket :-(
            3. Don't feel inferior if somebody uses the word "testing"
            4. Test Architect / System Architect / Solution Architect
            5. 3 dev engineer : 2 test engineer
            6. 60% (Dev) - 30% (Test) - 10% (Other)
        - iv. Integration Engineer
        - v. Field Application Engineer
        - vi. Pre-sales

- **How does our brain operate? Why is it important to understand that?**
  - ○ Left = Engineering / Research / Programming / Logic
  - ○ Right = HR / Arts / Marketing & Sales / Journalism / Photography / Video / Animation
  - ○ It's important to know your strengths and also understand interviewer's mindset