

1. Mandatory :

Elaborate what your internship or academic projects were?

- Created bank management Project (Academic Project) in which create account, update account, loan, deposit feature was there.
- I have worked on Accenture for 19 months on UPPCL and Citi bank project . I have worked on Manual Testing domain where my work was to test codes.
- After That:
- I reskilled myself in MERN stack and created around 15 projects in which some are Chat UI, Social Media App, Habit Tracker, pdf upload, Mini Ipod , to do task, csv file uploader, hospital Api. These all are in MERN Stack Technology using concepts of ReactJS , NodeJS , HTML, CSS , MongoDB.
- I have worked as a Intern in Coding Ninja where I have resolved doubts of student in web Development.

○ What did the system do?

- **ChatUI:** created in react to chat with users.
- **Social Media app** is a platform where user register, login , create post, comments post, delete post or comments, update profile and can be logout.
- **Mini ipod:** It is a Web app of Ipod where user play , pause music, change theme and music.
- **To do App:** Create a task, track task, mark done or pending , edit it or even delete.
- **Habit Tracker:** Create habit, track 7 days data, no. of days task done, weekly and daily view.
- **Pdf uploader:** Upload only pdf file, preview before uploading, if selected is no pdf then error

○ What other systems have you seen in the wild like that?

- I have worked in Accenture for 19 months where I worked on live projects based on web Application testing. I have worked on 2 projects UPPCL and Citi Bank projects. My main work was to test the Web application functionality in QA environment and raise a bug if there is any error. During testing we got the User Stories from Jira tools and according to that we created the test cases and uploaded it over HP- ALM tool . After that we changed system setting to QA mode and test the code according to the requirement and raised bugs if there is any error.

○ How do you approach the development problem?

- First of all I tried to understand the problem by analysing it clearly and it s requirement then I research for its best solution by applying my logic , searching existing libraries or frameworks. When I got some solution and clear about some logic then I create a architecture and design for solution by breaking down solution into small components.
- Now a coding phase come , I tried to write clean and efficient code and push it over git control version to track it . When one small module complete then execute unit test at interval of time.
- After creating small module integrate all small modules into a single unit and tried to execute integration and later after that system testing.
- I also ensure that proper documentation has to be done for reference.

○ **What were interesting aspects where you copied code from Stack Overflow?**

- Sometimes codes are bulky and showing unusual behaviour so its better to optimize it over a limit for better performance . I know about a aspect when I am using redux concept in Chat UI app, my code of redux is too long and I was searching for better approach then I got a better logic at stack overflow so I used reference of stack overflow and try to change my code accordingly . After that my code optimized a bit well and space complexity also decreases a lot. So, it is better to look for better approach to learn as lot of knowledgable concepts are present at Stack overflow.

○ **What did you learn from some very specific copy paste? Mention explicitly some of them.**

- As a developer it is important to know meaning of copy paste in IT field. By Analysing copy paste codes we can deeper our understanding of advance concept.
- It allow our project to run efficiently on different devices.
- It expose us to best coding standards following by coding communities.
- It will develop error handling and debugging skills inside a coder.
- Exposure to latest updates on tech stack.

Github Link: <https://github.com/akshay058/blox-work>