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# INDRISTRIAL ATTACHMENT

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CSE-420(Dual)



Date of Seminar: 26, September 2024

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Batch: Autumn 2021

Section: 7B

Semester: Autumn 2024

Seminar Topic: Navigating The future of Software Industry  
Roadmap to Success

Name of the keynote speaker: Hasan Abdullah  
Technical Lead, Brain Station 23 PLC

**Title:** Navigating The future of Software Industry Roadmap for a Successful Software development Career

**Introduction:** According to the interned the global software development industry is approximately 736.96 billion Dollar market. So, by grasping a part of this industry will not only help our GDP to grow but also help us to reduce the unemployment problem of the youth. But getting a job in the software industry is a challenge of its own. In this seminar the guest speaker has shown us the way which we as a university undergraduate can follow to fulfill our dream as a software developer

**About the Keynote speaker:** The name of the guest speaker of this seminar was Hasan Abdullah. He is a graduate of Computer Science and technology form the Jahangirnagar University. Currently he is working as technical lead at Brain Station a well-known globally leading software company. At the seminar he was very finely. His presentation skills were impressive.

**Seminar's purpose and Goal:** The purpose of seminar was to show us (the undergraduate) the proper roadmap of becoming a successful software developer in the software industry. The goal of the seminar was to enlighten us as an undergraduate how the software industry works, how the hear people, the current software industry norms and roadmap.

**Summarization of the key point of the discussion:** From the seminar I have understand those following points:

- Roadmap of software development career: The guest speaker has given us a proper roadmap to become a successful software developer.
- What to do and what to learn if I am a first of second year undergraduate student.
- The importance of competitive programming
- Several types of testing like unit testing.
- What to do and what to learn if I am a third-year undergraduate student.

- Popular software development stacks and trends.
- The importance of learning GIT.
- How to prepare for the interview.
- The importance of having soft skills.
- Some common mistakes to avoid.

**Discussion of the new information that I have gained in the seminar:** From the seminar I gained several important information for the guest some of them are given below:

- Importance of competitive programming in the field of software development: Previously I thought that competitive programming only increases the problem-solving capabilities of a person it does not have any impact on the software development career but after attending this seminar I come to know that I was wrong.
- Some small but important things that I need to learn for getting a job in software industry as a developer.
- Some important interviews technique that I had no idea before.
- As an introvert, I had always problem with communicating with team members from the seminar I come to know the importance of have good soft skills.
- Some common mistakes that I should avoid.

**My analyzation of how the seminar topics bridges the gap between academic learning and industrial learning:** In the classroom we have always been taught in an environment where the teacher only teaches us about the theoretical concepts of Computer Science and Engineering but from out teachers we hardly get any idea about how the industry actually works, how the software company recruits peoples, about the expected salary of a new employee, about the environment of a company, how a team handle a project, how to interact with the clients, when to leave the company and when to ask the boss to

increase salary, how to do work-life balance, things to avoid and things to do in order to be a successful developer etc. But by doing these kinds of seminar we can learn those things. So, in conclusion in my view, it is clear that seminar like this successfully fulfill the gap between academic learning and industrial learning.

My thought on how academic programs could be improved to better prepare students for the industries:

- Each faculty member should have at least one year of experience on working in the software industry.
- The department should organize these kinds of more seminar.
- If possible, the student can be sent in internship on the industry so that they can achieve real world knowledge about the industry.
- In my view our academic study shows more focused on the industry standards and requirements not on the theoretical studies. This will reduce the unemployment insurance of CSE graduate students.

**Brief summarization of the seminar:** The seminar was held on 29, September 2024 and the value was Ratnagarva Tahmina Rahman Multipurpose Hall, UITS. The seminar started at around 2.00 PM. The guest speaker was Hasan Abdullah. He is a technical lead at Brain Station. In the seminar he enlightened us about many things like important of competitive programming, what to do if I am a 1<sup>st</sup>, 2<sup>nd</sup> or a 3<sup>rd</sup> year student and want to get a successful career as a software developer, some interview tips, some common mistakes that we as a beginner do etc. I hope that information will help me to reach my goal as a software developer.

**Provide concluding thoughts and the overall significance of the seminar.** In my view the seminar was knowledgeable. The guest speaker was highly informative also in the end he allows to do a Q&A session where I asked about a thing which I didn't know before. Overall, I enjoy this session. Our department should do more seminar like this.

*The End*

