



Kehlweg 20, 55124 Mainz – www.childrensfuturefund.de – info@childrensfuturefund.de

Dear supporters,

I finished my second year in IT in January 2018. And now I am in third year. The third year has not started yet. The admission is not open but will open soon. So, talking about the course. I will have around 5 subjects among which two or three will be optional. There will be two semesters. Some of the subjects that I will be studying are:



- **Advanced database**  
It is similar to database modules as I mentioned in earlier reports. It is continuation to them. In this year it will be more complicated and detailed. We will get to know the real life use of database, data mining, data warehouses etc. After completion of this module in this year we will easily be able to work as a fresher in a company as a database officer or database administrator.
- **Advanced Software Engineering**  
It is also similar to the previous modules related with development of the softwares such as Java. Probably we will get to study .NET in this module. It is another programming language used for the software development. We will get to carry out the assignments using the programming language so it will help to pursue career in software development and engineering field. It also includes analyzing, designing, implementing phase of the software development in detailed or like real life scenarios.
- **Production Project**  
This module will be all about the research. We will get to select a project of our own and we will have to carry out research and complete the assignments by the end of the year. It will be a plus point added to our CV since we will get to do a project on our own via research which will make us more engaged. Also we will be able to tackle or troubleshoot new problems and difficulties.  
There are other two optional subjects. They are
- **PHP -PHP** is also a programming language which is specially used for web design and development. It is optional to database. In this we will learn in depth about this programming language and also get to carry out the project in it. We have learned and have also done the project in this programming language in the previous semesters but in this year it will be more advanced and we will also get to study many frameworks associated with it, its libraries etc. After studying this we will be able to work as a web developer and designer.
- **Human Computer Interaction**  
This module will be all about the UI/UX design. Here we will study how to create the front end of the applications that is accessible to large no of users. We will study about the colors combinations, font styles, sizes etc. Here, it is taught more about how greater number of people will get to interact with the computer or use the computer. This module will have a written exam.

After the completion of my second year I did a 3 month internship at Spiker Solution, Baneshwor Nepal. I did internship in WordPress customization and web design. But I focused more on WordPress customization. Internships was very much fruitful. I wrote to you about it in detail in last report. We worked in a small group. We were 3 people in group. Two of them did CI which is



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a framework of PHP and I was mostly focused on design and customization. I learnt many things in internship. I got to know how to work in group and also got to understand how work is done in the real life scenarios. I got to complete 4 projects assigned to me and was very happy doing it. Those project were of the real clients of the company so I got to know many things about the web design and development. I knew about the web hosting, domain registration and also about the e-commerce websites. I also knew about the colors combination and how they should be used in an application. I also knew about plugins, how they are developed as per our requirements. I learnt almost everything about the WordPress and website hosting and domain registration and also designing.

The most important achievement of the internship was that it made me so much confident that now I can actually work as an IT professional in this category in a company. I also made a website for a school but it has not yet been registered because of the school being unable to provide some documents. So, after all this my confident has been boosted and I am pretty sure that I can start working as an IT professional.

After the completion of my internship, I was searching for the jobs. I applied in a couple of IT Company as per my requirements but didn't get any reply from them. I had also applied for other jobs and got a job as a part time computer teacher in a school. The school name is Babyland Eng. Sec. School. It is situated in Gongabu which is about 20 min rides from my hostel. If possible I am also planning to do next job as well. I have applied for it as well and waiting for the response. So, that was it. Now, I feel more matured and responsible.

Now for this year I just want to focus on my study and job and then I am planning to pursue my career in IT. I am thinking of applying in IT companies only after completion of my third year since most of the companies requires a bachelor degree graduate. So, till then I will be doing the same job and full focus will be on my study.

So that was all. I have attached my result and internship certificate along with the report please do have a look. And lastly as always, thank you for your help and supports because of which I am what I am today.

Thank you so much. Sanjeev

