

TnP Portal for IIT Ropar Students

Akshat Rathore
akshatrathore3005@gmail.com
2016csb1030@iitrpr.ac.in

Abstract—In this article I will describe my proposal for course project of Software Systems Laboratory (CSP203).

Index Terms—TnP, Training and Placement, alumni, internship

I. INTRODUCTION

In our college we have a TnP (now CDCDRC) website. But on some level a lack of an internal portal is felt. In my project I aim to solve this problem by developing a TnP Portal which will be a website internal to the college students and facilitate functions like connecting to alumni, streamlined mails, internship and placement opportunities etc. It could also be extended to provide features like CV maker, preparation materials and tools for various companies etc.

II. FEATURES

I aim to incorporate the following features:

- Streamlining mails from the TnP Cell
- Connecting to Alumni
- Internship Opportunities
- Off-Campus Placement opportunities
- CV Maker (optional)
- Preparation Zone (optional)

Optional features may not make it to the actual build but may be extended over time.

III. STREAMLINING MAILS FROM THE TNP CELL

We receive a lot of mails from the TnP cell, so at times it can get difficult to keep track. Also since these are generally forwarded mails, the readability of the mails is also reduced.

So, in this section of the portal we will place all the important mails and notices under one aesthetic place. Also, we will try to facilitate desktop notifications and a Google calendar for the events lined up.

IV. CONNECTING TO ALUMNI

We have a Facebook page and group for interaction with our alumni. But using this section we could improve our interaction with our alumni manifold way.

Basically, we will provide a Google form with fields like Name, Batch year, Current Job/designation etc. This will help us in creating a database of our alumni.

Now, from the students perspective we will provide him the facilities to search an alumni by name, or search all our alumni working in a particular company among many other features.

V. INTERNSHIP OPPORTUNITIES AND OFF-CAMPUS PLACEMENT OPPORTUNITIES

Currently, we came to know about internship opportunities and programmes through a mail which has been travelling from batch to batch until it reached us. This has two main disadvantages. First that we came to know about it a bit late. Secondly, it is not really very well organized.

So, to overcome this problem we will develop a page in the website which contains all the internship programmes and their details. Also, this will keep the data centralized and organized and we will try to ensure to keep this updated from time to time.

This section could also contain information on how to make your CV or cover letters.

Basically, this will be the one stop solution to all queries about how to get an intern.

VI. CV MAKER

As most of us may be aware, MS-Word is not the best tool when it comes to making CVs. Although \LaTeX , is a very nice tool for making CVs, it does not come easy to all particularly the non-CSE students.

Thus, we will try to incorporate a CV maker in the portal where a layman can easily generate beautiful looking CVs without having to use any coding. (This idea has been borrowed somewhat from IIT Delhi's TnP cell)

Please note that developing the CV Maker is not the part of our project. We will just provide a link or suitable API. The reason being that the CV Maker can be an individual project in itself requiring a lot of time and effort and maybe even some skills which we are yet to learn.

VII. PREPARATION ZONE

Similar to GeeksforGeeks, we can have an internal section on the portal where we can provide company specific questions for not only CSE but also other branches.

Also, we could have testimonies, interview experiences and preparation strategies of our alumni working in prestigious companies and those who have cracked competitive exams like CAT, UPSC, etc.

VIII. DESIGN AND IMPLEMENTATION

The project will be basically a website. We'll primarily be HTML, CSS, PHP, SQL and some other APIs.

This section will be further updated once the development starts. All design and implementations specifics will be described in detail.