

INCLINE

Introduction

With the current pandemic and employment rates crashing down, a student who is about to graduate faces a lot of difficulties in order to find a job. The solution to this problem is to work hard and to be the best at what one does. But without proper guidance, this becomes very difficult to achieve. In order to do this, we at Incline have come up with a project that lets the student know how likely he/she is to get placed and what role would be offered to the student with an estimated salary package. It also recommends how much a student should work in order to get placed. It becomes difficult for students to know where they stand when it comes to Placements. In order to solve this, students should know what they have to do to improve themselves. The project INCLINE helps students by letting them know how likely they are going to get placed and will also suggest to them what role they might be given with the estimated salary package, thus letting them know where they stand so they can improve accordingly.

Features

- Authentication
- Admin Panel and User Panel (Web Interface)
- Mobile app (Users only)
- User Dashboard
 - Internships
 - Projects (GH Link)
 - College level Events
 - Skillset
 - Placement Eligibility
 - Internal and Ext marks entered by students
 - Resume template(optional)
- User Profile
- Admin Dashboard
 - Average Marks CIE and SEE
 - Projects - **Public**
 - Number of hours spent on Tech
 - Number of companies visited
 - Students Placed - **Public**
 - College events and its results
 - Current and past internships of students

- All above mentioned points should be able to filter on the basis of branch, year, section, individual student
- Companies visiting campus should be able to see the same thing
- The admin should be able to filter project on the basis of tech stack/ domain used
- Management/ Tech/ should be able to contact HR for placements and internships and projects
- **Public**
- Placement prediction

Work Plan

- Task 1
 - Completion of UI & UX design for Web and Mobile applications
- Task 2
 - Web Interface - Front End
 - Web Interface - Back End
- Task 3
 - Mobile App
- Task 4
 - ML - Creation of models to predict
 - Job Status
 - Job Role
 - Estimated Salary Package
- Task 5
 - Server Hosting

Technology Stack

- UI & UX
 - Figma
 - InVision
- Web Application
 - Front End - Vue.js
 - Back End - Apollo GraphQL. PostgreSQL
- Mobile Application
 - Android Studio (Kotlin)
 - Kotlin Multi Platform/ React

- ML & AI

- Jupyter Notebook
- Google Colab
- TensorFlow
- Server Hosting
 - AWS/GCP

Project Schedule

Estimated time - 8-9 months

Project Team

- The project is being done under Ruthvik B R
- Neha B - contributor
- Parjanya HK - contributor
- Pratheek N - contributor
- Milind S Bhat - contributor

Project Benefits

INCLINE helps students to organize their projects, internships and other data such as their SGPA's, Skillset in one place. It predicts their job status and helps them improve their chances of getting placed in a company. It also makes it easier for the companies to view the projects done by the students, filter it based on domain and skill level, thus making space for more opportunities for the students. Therefore, INCLINE lends a helping hand for students to prepare in advance to get a job.