**Course Name and Number : Advanced Software Engineering, COSC-6370-003**

**Proposal Date : 02/03/2025**

**Team Name : The Bridgers**

**Application Name : Job Nexus**

**Team Members : Our Team consists of 4 members.**

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| **Team Member Name** | **Team Member Role** |
| Bhavani Lakshmi Sathi (A04315329) | Project Manager |
| Bhavani Lakshmi Sathi (A04315329) | Project Technical Manager |
| Mohammed Ali Sheriff Shaik (A04278033) | Project Requirements Manager |
| Mohammed Ali Sheriff Shaik (A04278033) | Project Design Manager |
| Sumana Sree Pasupuleti (A04298871) | Project Test Manager |
| Pranav Pratheek Malleboyina (A04323794) | Project Configuration Manager |

**Application Description**

Finding a job has become very difficult, amidst the inflation and layoffs, with corporate adaptation of many platforms finding a match between user skills and the industry has made recruiters’ task very hard. To find top talent that fits their job description likewise for students and employers is a lost cause. To solve this problem, we introduce our application, **Job Nexus.**

This job platform uses smart matching algorithm to find the best fit between jobseekers and employers. Visa Friendly Job Search filters cater to International Students and work authorization needs. We provide Actionable reports for both jobseekers and recruiters to optimize hiring success.

**Application Customers / Users:**

Jobseekers - Newly Graduated Students, Students enrolled in school and Experienced employees. The product is useful for all majors and visa status.

Recruiters - Corporate Hiring Mangers, Program Managers looking to hire and Private Employers.

**Application Goals:**

1. To assist both jobseekers and hiring managers to find the best fit.
2. To showcase job descriptions to appropriate audience
3. To provide Inclusive Visa filters and web scraped profiles for International Students
4. To enable the jobseeker to generate his resume dynamically based on job description.

**Main Application Features :**

**Jobseeker Services**

1. Providing Resume, portfolio, CV maker-based Job Description/ template
2. Providing Weekly reports of job applications and hits.
3. Highlighting skills and work experience according to job description.

**Recruiter services**

1. Filtering applicants by ATS score
2. Filtering by preference (custom)
3. Managing their openings/ analysing weekly monthly reports