

## Overview

JobSync AI is a fullstack internship project aimed at building a job portal platform with AI-enhanced job recommendations. The project is divided into modules handled by 8 student groups. Each group owns a specific set of responsibilities across from

### Group 1: Authentication

Responsibilities:

- User registration and login (JWT-based auth)
- Role-based access (Job Seeker/Employer)
- Middleware for token verification

APIs:

- POST /api/auth/register
- POST /api/auth/login

Frontend:

- Login and Signup pages
- Auth context, protected routes

### Group 2: Job Form UI

Responsibilities:

- Employer job posting UI
- Connect with backend to store job data

Frontend:

- Job Form component with validation

API Consumed:

- POST /api/jobs

### Group 3: Job APIs

Responsibilities:

- Handle job creation/storage in MongoDB
- Provide job listing/search API

APIs:

- POST /api/jobs
- GET /api/jobs
- GET /api/jobs?title=xyz

Model:

- title, description, skills, employerId, salary, location

### Group 4: Job Browsing UI

Responsibilities:

- UI for job seekers to browse/search jobs

Frontend:

- Job listing, search bar

API Consumed:

- GET /api/jobs

### Group 5: Apply System

Responsibilities:

- Job application form for seekers
- Employers can view applicants

Backend:

- POST /api/applications
- GET /api/applications?jobId=xxx

Frontend:

- Apply form with message
- Employer view for applications

### Group 6: Matching System