Project Overview

The Online Job Portal connects job seekers and employers in a dynamic and interactive way.
Job seekers can create and manage profiles, search for jobs, apply for vacancies, and interact with employers via live chat.
Employers can register, post jobs, manage applications, and communicate with applicants through the same platform.

Functional Requirements

- User Registration & Login with Role Management (Job Seeker / Employer)
- Job Posting and Filtering System
- Profile Management for both Job Seekers and Employers
- Job Application Workflow
- Real-time Chat System (SignalR-based)
- Admin Dashboard with multi-role access and full control over users, jobs, and system settings
- Integrated services such as resume builder or scheduling interviews
- Notification system (email or in-app)
- Search and sorting features for jobs and applicants

Non-Functional Requirements

- High Performance and Scalability
- Secure Authentication and Data Handling
- Clean and Responsive UI Design
- High Availability and Maintainability
- SEO Friendly URLs and Optimization
- Accessibility compliance (WCAG)
- Multi-language support (optional)

Technical Stack

- **Frontend:** Angular, TypeScript, Bootstrap, Sass
- **Backend:** ASP.NET Core MVC & Web API
- **Database:** Microsoft SQL Server, Entity Framework Core
- **Real-time Features:** SignalR
- **Authentication:** ASP.NET Identity