NAUKRI.COM CLONE - TECHNICAL DOCUMENTATION

Project Overview

This project is a clone of Naukri.com, a popular job portal. It allows users to register, log in, search for jobs, view company details, and apply for jobs. It also includes an admin interface to post and manage job listings.

Tech Stack

Frontend:

- HTML5, CSS3, JavaScript (Vanilla or with minor libraries like Bootstrap)

Backend:

- Node.js + Express.js

Database:

- MongoDB (using Mongoose for schema)

Tools:

- Git & GitHub (for version control)

- Postman (for API testing)

- VS Code (development environment)

- Render/Heroku (for backend hosting)

- GitHub Pages or Netlify (for frontend deployment)

Project Modules

1. User Module

- User Registration

- User Login & Authentication

- Profile creation with resume upload

- View & Apply to jobs

2. Job Module

- Job listings (title, company, location, experience, salary, etc.)

- Job search and filters

- Apply to job feature

3. Company Module

- Company registration/login (optional)

- Post new jobs

- View applicants

4. Admin Module (optional but recommended)

- Manage users and companies

- Manage job listings (edit/delete)

- Dashboard with basic stats

Core Features

Feature	Description
User Authentication	Secure sign-up/login using JWT or sessions
Job Search	Search jobs by title, location, company, etc.

Apply to Jobs	Logged-in users can apply to jobs
Resume Upload	Users can upload their resume (PDF format)
Company Pages	Companies can showcase job openings
Admin Panel	Manage all data and oversee platform activities

Folder Structure (Sample)

/client   --> Frontend code

  /index.html

  /style.css

  /script.js

/server   --> Backend code

  /routes

    - auth.js

    - jobs.js

    - users.js

  /models

    - User.js

    - Job.js

  /controllers

  /config

  server.js

/database   --> MongoDB Collections

APIs Overview (Sample)

User APIs:

- POST /api/register - Register new user

- POST /api/login - User login

- GET /api/user/:id - Get user profile

Job APIs:

- GET /api/jobs - List all jobs

- POST /api/jobs - Create a new job (admin/company only)

- GET /api/jobs/:id - View job detail

- POST /api/jobs/apply/:id - Apply to a job

External Resources Used

- Mockaroo - To generate sample user/job data

- Flaticon - For icons

- Unsplash - For placeholder images

- MongoDB Atlas - Cloud database

- Render/Heroku - Backend deployment

Timeline to Build MVP

- Day 1-2: Setup project structure, user auth

- Day 3-4: Build job listing + search

- Day 5-6: Apply to job + resume upload

- Day 7: Polish UI, add validations

- Day 8-9: Optional - company/admin modules

- Day 10: Final testing + deployment

Future Enhancements (Optional)

- Chat system between job seeker and recruiter

- Email notifications for job applications

- Bookmark/save jobs feature

- Responsive mobile UI