■ Standard Job Portal (Production-Ready) – Full Requirements Document (Updated)

■■ Project Overview

A production-ready Job Portal like Naukri or Internshala, where employers post jobs and job seekers apply. The platform is managed by a Super Admin. Tech Stack: - Frontend: React.js + Tailwind CSS - Backend: Node.js + Express.js - Database: MongoDB (Atlas) - File Uploads: Multer + Cloudinary - Auth: JWT + Role-Based Access + Google OAuth2 - Payments: Razorpay / Stripe - Notifications: Firebase Cloud Messaging (FCM) / OneSignal

■■■ User Roles

The platform includes three primary roles: Super Admin, Employer, and Job Seeker.

■ SUPER ADMIN

- Dashboard with platform analytics (users, jobs, applications, subscriptions, payments) - Graphical representation: job posting trends, applications over time, top categories, active/inactive users - Manage Job Seekers and Employers - Manage Job Posts (approve/reject/delete) - Manage Categories, Locations, Industries - System Settings (logo, email templates, notifications config) - Manual job creation - View contact messages - Manage Subscription Plans - View Payment History & Subscription Reports - Activate/Deactivate employer subscriptions - Send system-wide notifications

■ EMPLOYER PANEL

- Register/Login (Email/Password + Google Login) - Free Trial (7 days) - Profile Management - Post/Edit/Delete Jobs (plan-based limit) - View applications, download resumes - Employer Dashboard with analytics and recent applicants - Resume Search (if subscribed) - Subscription & Plan Management - Payment History - Notifications: new applications, subscription expiry alerts, application status updates

■ JOB SEEKER PANEL

- Register/Login (Email/Password + Google Login) - Profile with resume, skills, education, experience - Browse/Search Jobs with filters - Apply to jobs with resume/cover letter - Track applications - Save/Bookmark jobs - Job Alerts via email/notification - Dashboard with recommended jobs, saved jobs, application status chart - Notifications: new job matches, application status updates

■ Notifications

Implemented via Firebase Cloud Messaging (FCM) / OneSignal for push + in-app notifications. - Job Seekers: New job postings, application updates - Employers: New applications, subscription expiry alerts - Admin: New employer registration, payment events

■ Common Features

- JWT Authentication + Google OAuth2 - Error Handling & Logging - Responsive Design with Tailwind CSS - Email Notifications via NodeMailer - Push Notifications - RESTful APIs - Role-Based Dashboards - File Uploads with Multer - Payments with Razorpay/Stripe

■■ MongoDB Collections

Users, Jobs, Applications, Categories, Locations, Plans, Subscriptions, Payments, Notifications

■ API Endpoints

Auth: /api/auth/register, /api/auth/login, /api/auth/google Jobs: /api/jobs, /api/jobs/:id Applications: /api/jobs/:id/apply, /api/user/applications Admin: /api/admin/users, /api/admin/jobs, /api/admin/plans, /api/admin/payments Employer Subscription: /api/employer/plan, /api/employer/subscribe Payments: /api/payment/create, /api/payment/webhook Notifications: /api/notifications

■■ Dashboards

Super Admin Dashboard: Analytics, notifications Employer Dashboard: Jobs, applications, graphs, notifications Job Seeker Dashboard: Recommended jobs, saved jobs, application chart, notifications

■ Deployment Plan

- Frontend: Vercel / Netlify - Backend: Render / Railway - Database: MongoDB Atlas - Storage: Cloudinary - Payments: Razorpay / Stripe - Notifications: Firebase Cloud Messaging (FCM)

■ Development Estimate

- Team: 2 Developers (Frontend + Backend) - Time Estimate: 8–10 Weeks (with QA & Notifications)
- Cost: ■1,50,000 – ■2,00,000 INR