

AI Development Prompts

Project: Auto Job Apply System

These prompts are structured for use with Argument AI / Cursor to generate project components.

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1. Authentication Module Prompt

Generate a Flutter Web UI for the Login Page. - Support Google, Microsoft, Apple OAuth2 login and Email + OTP. - Use OAuth2 scopes: Google (profile, email), Microsoft (User.Read), Apple (name, email). - Store tokens securely with JWT session handling. - Redirect user to Profile Setup page after successful login.

2. Profile Setup Prompt

Generate a Flutter Web UI for Profile Setup. - Capture fields: First Name, Last Name, Email, Phone, Current LPA, Expected LPA, Skills, Resume Upload. - Provide dropdown for Job Platforms (LinkedIn, Naukri). - Allow Add/Remove logic (if LinkedIn added, hide from dropdown). - Save all data in PostgreSQL with encryption for credentials.

3. Resume Parsing & ML Module Prompt

Generate Python FastAPI microservice for Resume Parsing and Job Matching. - Use spaCy or BERT model to parse resume skills. - Compare against job description using cosine similarity. - Return match percentage and missing keywords. - Provide API endpoint /resume/match for frontend integration.

4. Auto Job Apply Prompt

Generate backend service in Python to auto-apply jobs. - Integrate with LinkedIn and Naukri APIs (use placeholder mock). - Take user credentials from DB (encrypted). - Apply jobs based on user-defined titles. - Store job application log in DB (Company, Title, Description, Date).

5. Resume Rating & Enhancement Prompt

Generate ML-based suggestion system. - Input: Job description + resume text. - Output: Rating (0-100) and missing keywords. - Provide resume enhancement suggestions using LLM. - API endpoint: /resume/enhance.

6. Job History Prompt

Generate Flutter Web UI for Job History page. - Display list of applied jobs in descending order. - Fields: Company Name, Job Title, Job Description, Date. - Enable search/filter by date and company.

7. Payment Integration Prompt

Generate Flutter Web UI and backend for Payment Gateway. - Monthly subscription model. - Support Credit/Debit Card, UPI, PayPal. - Show plan details and billing history. - Backend microservice for payment validation and webhook handling.

8. Super Admin UI & Permissions Prompt

Generate Flutter Web UI for Super Admin Dashboard. - Features: Add/Remove job platforms, Manage users, Manage subscriptions. - Permissions Matrix: Candidate → 5 jobs/day, limited platforms. Admin → Unlimited jobs, add new platforms, manage all users. - Display global job logs across all users.

9. Security & Encryption Prompt

Generate backend utility for credential encryption. - Use AES-256 for LinkedIn/Naukri credential storage. - Salted hash (bcrypt) for passwords. - Ensure role-based access control. - Provide audit logging for all login attempts.