**Work Breakdown Structure (WBS) for Resume**

**Parser Project**

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**1. Project Initiation**

1.1 Define project scope

1.2 Identify stakeholders

1.3 Develop project charter

1.4 Obtain project approval

**2. Requirements Gathering and Analysis**

2.1 Collect requirements from stakeholders

2.2 Document requirements in SRS

2.3 Review and approve SRS

**3. System Design**

3.1 Develop system architecture

3.2 Design database schema

3.3 Design application modules

3.4 Document design in SDS

3.5 Review and approve SDS

**4. Implementation**

4.1 Set up development environment

4.2 Develop authentication system

4.3 Develop candidate features

4.3.1 Dashboard

4.3.2 Profile Management

4.3.3 Resume Management

4.3.4 Job Search

4.3.5 Application Management

4.4 Develop recruiter features

4.4.1 Dashboard

4.4.2 Company Profile

4.4.3 Job Management

4.4.4 Resume Parsing

4.4.5 Application Review

4.4.6 Candidate Search

4.5 Develop AI analysis features

4.5.1 Resume Parsing

4.5.2 Skill Extraction

4.5.3 Match Scoring

4.5.4 Resume Feedback

4.6 Develop general features

4.6.1 Notifications

4.6.2 Navigation

4.7 Integrate AI services

4.8 Implement database

4.9 Implement security measures

**5. Testing**

5.1 Unit testing

5.2 Integration testing

5.3 System testing

5.4 User acceptance testing

5.5 Performance testing

5.6 Security testing

**6. Deployment**

6.1 Prepare deployment environment

6.2 Deploy frontend

6.3 Deploy backend

6.4 Deploy database

6.5 Configure AI services

6.6 Set up notification services

6.7 Go live

**7. Project Closure**

7.1 Conduct project review

7.2 Document lessons learned

7.3 Archive project documents

7.4 Close project