

DYNAMIC RESUME ANALYZER – Sprint 1 Report

Project Id 47

Vineet Sharma, Vishwambhara RH, Vrishank NA, Prerana MP

Sprint 1 Retrospective

What Went Well:

- Team communication and collaboration were very good — everyone stayed aligned and supported each other.
- Development workflow was well planned and structured with proper PRs and code reviews.
- Core Sprint 1 tasks were completed on time and delivered as planned.

What Didn't Go Well:

- CI/CD pipeline issues took longer than expected to troubleshoot.
- Cairo/pycairo dependency issue caused repeated pipeline failures and slowed progress.
- Some bugs appeared only after pushing to CI instead of being caught locally.
- Debugging environment and test configuration issues (especially test dictionary setup) took more time than anticipated.

Action Items for Sprint 2:

- Test builds locally before pushing to avoid unnecessary CI loops.
- Document environment setup and dependency requirements clearly.
- Add pre-commit checks and improve automated verification where possible.
- Remove unused dependencies to prevent similar installation conflicts.
- Increase test coverage and try catching issues earlier during development.

Outcome:

Sprint 1 was overall successful — all planned features were delivered, the CI/CD foundation is now stable, and the team has clear improvement actions for Sprint 2.

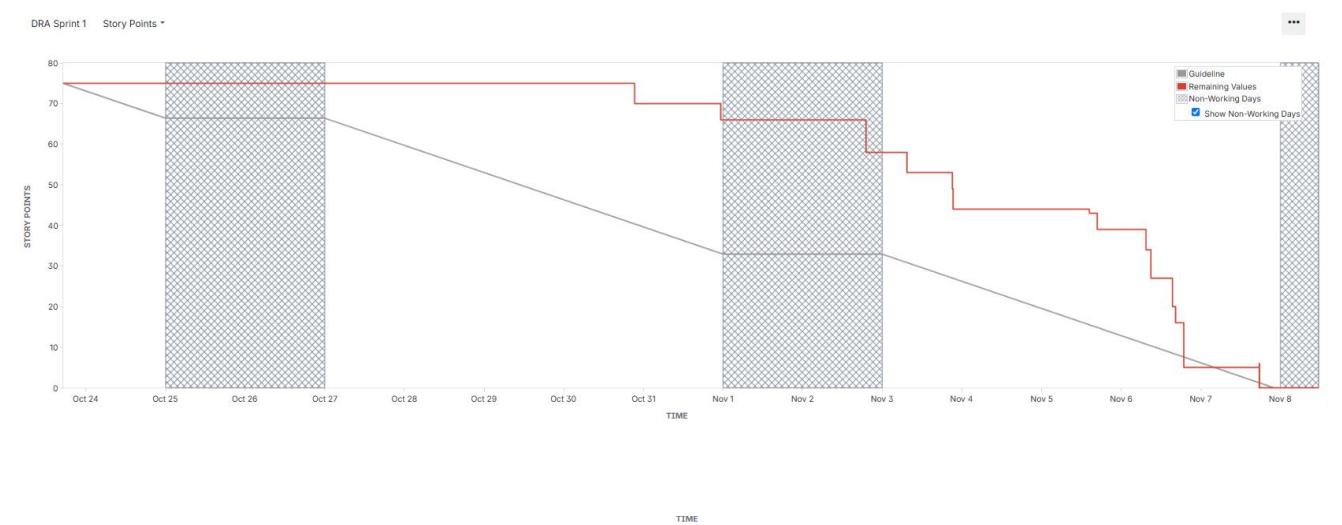
1. JIRA backlog with Epics and User Stories

Epics, Stories and subtasks taken up in sprint 1: 23/10/2025 – 7/11/2025

☐ DRA Sprint 1 Add dates (16 work items)		75	0	0	Start sprint	...
▼ <input checked="" type="checkbox"/> DRA-7	FR-001: Upload resumes in .txt, .pdf, .docx; reject unsupported.	🔗 EPIC 1: RESUME UPL...	TO DO ▼	5	⬆	👤
🔗 DRA-41	Subtask 1: Implement file upload UI and backend handling		TO DO ▼	-	=	👤
🔗 DRA-42	Subtask 2: Unit test for supported file format validation		TO DO ▼	-	=	👤
🔗 DRA-43	Subtask 3: Integration test — Upload → Parsing flow		TO DO ▼	-	=	👤
▼ <input checked="" type="checkbox"/> DRA-8	FR-002: Flag missing sections (e.g., Skills).	🔗 EPIC 1: RESUME UPL...	TO DO ▼	5	⬆	👤
🔗 DRA-44	Subtask 1: Parsing logic to identify missing sections.		TO DO ▼	-	=	👤
🔗 DRA-45	Subtask 2: Unit test for missing section detection		TO DO ▼	-	=	👤
🔗 DRA-46	Subtask 3: Integration test — Parsing → Feedback display		TO DO ▼	-	=	👤
▼ <input checked="" type="checkbox"/> DRA-9	FR-003: Highlight incomplete sections.	🔗 EPIC 1: RESUME UPL...	TO DO ▼	4	⬆	👤
🔗 DRA-47	Subtask 1: Feedback generation logic for incomplete sections		TO DO ▼	-	=	👤
🔗 DRA-48	Subtask 2: Unit test for incomplete section detection		TO DO ▼	-	=	👤
🔗 DRA-49	Subtask 3: Integration test — Feedback UI verification		TO DO ▼	-	=	👤
▼ <input checked="" type="checkbox"/> DRA-10	FR-004: Extract key skills (keywords, synonyms).	🔗 EPIC 2: RESUME PAR...	TO DO ▼	7	⬆	👤
🔗 DRA-50	Subtask 1: Implement keyword & synonym extraction logic		TO DO ▼	-	=	👤
🔗 DRA-51	Subtask 2: Unit test for extraction accuracy		TO DO ▼	-	=	👤
🔗 DRA-52	Subtask 3: Integration test — Skills → Report generation		TO DO ▼	-	=	👤
▼ <input checked="" type="checkbox"/> DRA-11	FR-005: Detect duplicate section headings and merge.	🔗 EPIC 2: RESUME PAR...	TO DO ▼	5	=	👤
🔗 DRA-53	Subtask 1: Duplicate detection & merge logic		TO DO ▼	-	=	👤
🔗 DRA-54	Subtask 2: Unit test for duplicate detection		TO DO ▼	-	=	👤
🔗 DRA-55	Subtask 3: Integration test — Merged sections in report		TO DO ▼	-	=	👤
▼ <input checked="" type="checkbox"/> DRA-12	FR-006: Validate date formats & contact info.	🔗 EPIC 2: RESUME PAR...	TO DO ▼	6	=	👤
🔗 DRA-56	Subtask 1: Date & contact validation logic		TO DO ▼	-	=	👤
🔗 DRA-57	Subtask 2: Unit test for validation rules		TO DO ▼	-	=	👤
🔗 DRA-58	Subtask 3: Integration test — Feedback & anonymization		TO DO ▼	-	=	👤
▼ <input checked="" type="checkbox"/> DRA-20	FR-014: Generate structured summary + PDF download.	🔗 EPIC 5: REPORT GEN...	TO DO ▼	5	⬆	👤
🔗 DRA-95	Summary generation + PDF export		TO DO ▼	-	=	👤
🔗 DRA-96	Unit test for PDF content correctness		TO DO ▼	-	=	👤
🔗 DRA-97	Integration test — PDF → Anonymization		TO DO ▼	-	=	👤
▼ <input checked="" type="checkbox"/> DRA-21	FR-015: Anonymize sensitive data (email, phone).	🔗 EPIC 5: REPORT GEN...	TO DO ▼	4	⬆	👤
🔗 DRA-98	Implement masking of sensitive data		TO DO ▼	-	=	👤
🔗 DRA-99	Unit test for masking rules		TO DO ▼	-	=	👤
🔗 DRA-100	Integration test — Anonymization with batch processing		TO DO ▼	-	=	👤
▼ <input checked="" type="checkbox"/> DRA-22	FR-016: Batch processing of multiple resumes.	🔗 EPIC 5: REPORT GEN...	TO DO ▼	5	⬆	👤
🔗 DRA-101	Implement batch upload & processing		TO DO ▼	-	=	👤
🔗 DRA-102	Unit test for batch logic		TO DO ▼	-	=	👤
🔗 DRA-103	Integration test — Full workflow validation		TO DO ▼	-	=	👤
<input checked="" type="checkbox"/> DRA-23	NFR-001: Process each resume ≤10s & handle ≥50 users.	EPIC 6: NON-FUNCTI...	TO DO ▼	4	⬆	👤
<input checked="" type="checkbox"/> DRA-24	NFR-002: Delete resumes after processing.	EPIC 6: NON-FUNCTI...	TO DO ▼	2	⬆	👤
<input checked="" type="checkbox"/> DRA-25	NFR-003: Encrypt all data in transit via HTTPS.	EPIC 6: NON-FUNCTI...	TO DO ▼	2	⬆	👤
<input checked="" type="checkbox"/> DRA-26	NFR-004: Show meaningful error messages.	EPIC 6: NON-FUNCTI...	TO DO ▼	1	⬆	👤
▼ <input checked="" type="checkbox"/> DRA-32	US-701: Unit Test Case Development & Execution	🔗 EPIC 7: TESTING & Q...	TO DO ▼	8	⬆	👤
🔗 DRA-77	Subtask 1: Write unit tests (upload, parsing, reporting)		TO DO ▼	-	=	👤
🔗 DRA-78	Subtask 2: Execute & debug tests		TO DO ▼	-	=	👤
🔗 DRA-79	Subtask 3: Document results		TO DO ▼	-	=	👤
▼ <input checked="" type="checkbox"/> DRA-33	US-702: Integration Test Case Development & Execution (Partial)	🔗 EPIC 7: TESTING & Q...	TO DO ▼	7	=	👤
🔗 DRA-80	Subtask 1: Write integration tests (upload → parse → report)		TO DO ▼	-	=	👤
🔗 DRA-81	Subtask 2: Execute tests		TO DO ▼	-	=	👤
🔗 DRA-82	Subtask 3: Log issues		TO DO ▼	-	=	👤
▼ <input checked="" type="checkbox"/> DRA-34	US-703: Test Reports & Documentation (Partial)	🔗 EPIC 7: TESTING & Q...	TO DO ▼	5	=	👤
🔗 DRA-83	Subtask 1: Test reports		TO DO ▼	-	=	👤
🔗 DRA-84	Subtask 2: Coverage report		TO DO ▼	-	=	👤
🔗 DRA-85	Subtask 3: Defect tracking		TO DO ▼	-	=	👤

BURNDOWN CHART

Week 1 was focused on designing and structuring the CI/CD workflow — determining the right stage order, configuring dependencies, and integrating automation.



Status Report

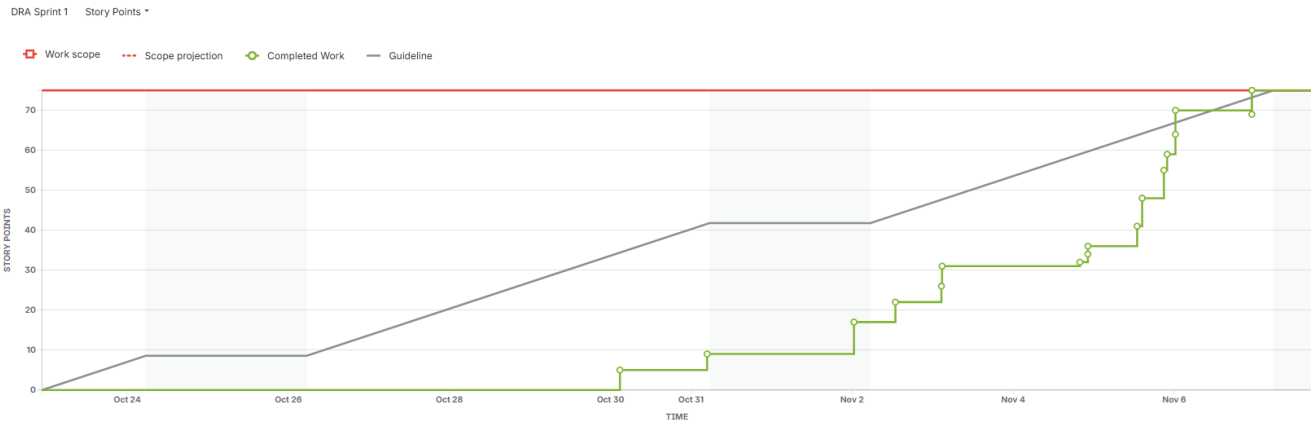
Completed Issues					View in Issue Navigator
Key	Summary	Issue Type	Priority	Status	Story Points (75)
DRA-7	FR-001: Upload resumes in .txt, .pdf, .docx; reject unsupported.	Story	High	DONE	5
DRA-8	FR-002: Flag missing sections (e.g., Skills).	Story	High	DONE	5
DRA-9	FR-003: Highlight incomplete sections.	Story	High	DONE	4
DRA-10	FR-004: Extract key skills (keywords, synonyms).	Story	High	DONE	7
DRA-11	FR-005: Detect duplicate section headings and merge.	Story	Medium	DONE	5
DRA-12	FR-006: Validate date formats & contact info.	Story	Medium	DONE	6
DRA-20	FR-014: Generate structured summary + PDF download.	Story	High	DONE	5
DRA-21	FR-015: Anonymize sensitive data (email, phone).	Story	High	DONE	4
DRA-22	FR-016: Batch processing of multiple resumes.	Story	High	DONE	5
DRA-23	NFR-001: Process each resume ≤10s & handle ≥50 users.	Story	High	DONE	4
DRA-24	NFR-002: Delete resumes after processing.	Story	High	DONE	2
DRA-25	NFR-003: Encrypt all data in transit via HTTPS.	Story	High	DONE	2
DRA-26	NFR-004: Show meaningful error messages.	Story	High	DONE	1
DRA-32	US-701: Unit Test Case Development & Execution	Story	High	DONE	8
DRA-33	US-702: Integration Test Case Development & Execution (Partial)	Story	Medium	DONE	7
DRA-34	US-703: Test Reports & Documentation (Partial)	Story	Medium	DONE	5

Burnup Chart

How to read this chart

The Burnup Chart provides a visual representation of a sprint's completed work compared with its total scope. Track your team's progress towards sprint completion and identify problems related to scope creep.

[Learn more](#)



Example User Story with subtasks and Acceptance criteria (INVEST)

🔗 DRA-1 / 📄 DRA-7

👁 1 🔒 ⋮

FR-001: Upload resumes in .txt, .pdf, .docx; reject unsupported.

Done ▾ ✓ Done ⚡ ⌘ +

▼ Description

As a user

I want to upload my resume in supported formats (.txt, .pdf, .docx)

So that the system can process it for analysis.

Acceptance Criteria:

- System accepts .pdf, .docx, .txt files
- Reject unsupported formats (ex: .png, .exe, .zip)
- Max file size limit enforced (e.g., 5MB)
- On success → return success message
- On invalid file → return error "Unsupported file type"

▼ Subtasks

100% Done

Work	Prio...	Story...	Assi...
<div>🔗 DRA-41</div> Subtask 1: Implement file upload UI and backend handling	== M..	🔴 P.	
<div>🔗 DRA-42</div> Subtask 2: Unit test for supported file format validation	== M..	🔴 P.	
<div>🔗 DRA-43</div> Subtask 3: Integration test — Upload → Parsing flow	== M..	🔴 P.	

CI/CD Pipeline:

We spent the first week of Sprint 1 figuring out the overall CI/CD workflow and structuring the sequence of stages to be implemented. This included deciding the correct order for Build, Test, Coverage, Lint, and Security checks, as well as setting up automated deployment. The effort helped us establish a strong foundation for continuous integration and catch issues early.

chore(ci): merge develop → main after successful validation

CI/CD Pipeline

🟢 chore(ci): merge develop → main after successful pre-merge validation #50

Re-run all jobs ⋮

Summary

Triggered via push 15 minutes ago

prerana2005 pushed → 2ae3128 [ml16](#)

Status: Success

Total duration: 12m 14s

Artifacts: 8

Jobs

- Build Stage
- Test Stage
- Coverage Stage
- Lint Stage
- Security Scan Stage
- Deployment Artifact Stage
- Consolidated Reports

ci-cd.yml on push

Build Stage

1m 50s →

Test Stage

2m 0s →

Coverage Stage

2m 54s →

Lint Stage

1m 52s →

Security Scan Stage

2m 20s →

Deployment Artifact Stage

10s →

Consolidated Reports

0s

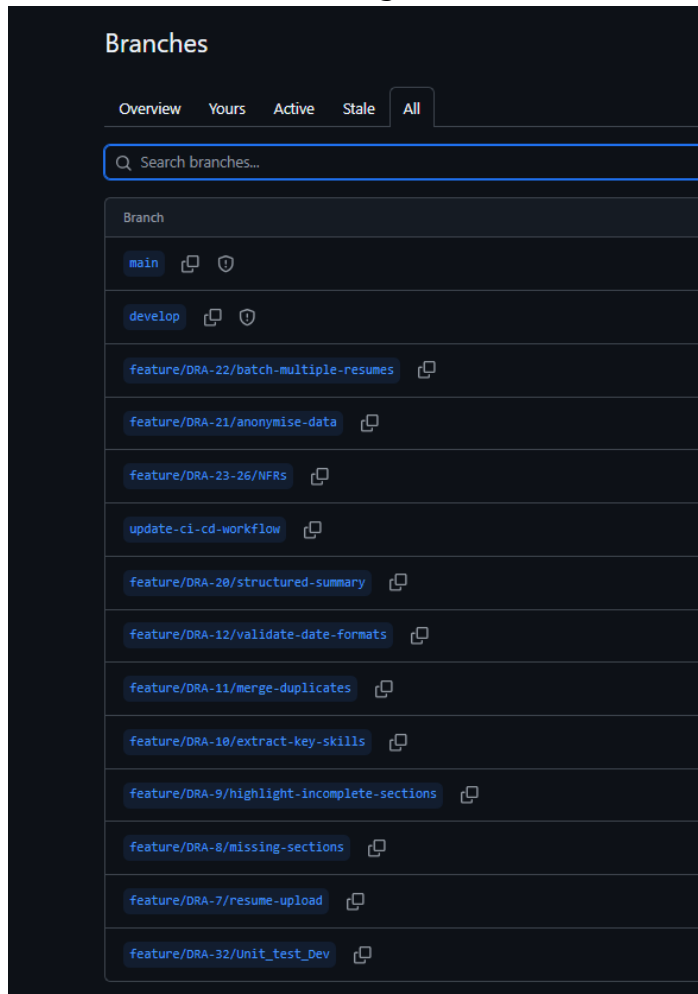
Run details

Usage

Workflow file

Artifacts			
Produced during runtime			
Name	Size	Digest	
📄 backend-coverage-report	105 KB	sha256:88406188b3cbf57122fbddc84a92d842c115fca49d90b76bba0a76c8c7b38cf	📄 🗑
📄 deployment-package	374 KB	sha256:fa2feac18c83d74aa11826506eb6fdb9ffee86ab3150edc21f46f10bb0e1f5c	📄 🗑
📄 final-reports	249 KB	sha256:de323d24a0bf0a43b1d31f0ea751e7d336c9b7ad3becce43fe03e38cf7f90b0a	📄 🗑
📄 frontend-build	101 KB	sha256:f8f2adcf7c52386523fdae477948dc5665b312f6fe424f1aad9c7980cf0387c	📄 🗑
📄 frontend-coverage	14.9 KB	sha256:59c14857858dec935ce220f37f7dfad0564ea1e951ff9c2bf752d713eb34cha	📄 🗑
📄 lint-report	1.82 KB	sha256:e14703323940c187a6446d09c661c67dbeddffa7be6e7488bd7201dc3928808c70	📄 🗑
📄 pytest-reports	22.2 KB	sha256:afb2995599b21a158f36320f4eb0612ef7c9aded8ad8500c25c2a75e0778d059	📄 🗑
📄 security-reports	1.39 KB	sha256:fc2c0bf289190dbcfec358d3676a2d35668be0c539981767fa7b0a4c628aa5	📄 🗑

Consistent branch naming




UNIT, INTEGRATION AND SYSTEM TESTS: (TEST STAGE)



COVERAGE STAGE (Source code)





We wrote tests simultaneously and achieved 87% coverage by Sprint 1

```
122 -----
123 TOTAL                623    76    150    25    87%
124 Coverage HTML written to dir htmlcov
125 Required test coverage of 75% reached. Total coverage: 86.68%
126 ===== 112 passed, 10 warnings in 7.36s =====





>  Upload Coverage Report
```

LINT STAGE (pylint, eslint) (pipeline fails if below threshold)

```
Lint Stage
succeeded 1 hour ago in 2m 57s

>  Install Cairo system dependencies
>  Install project dependencies
>  Install pylint
v  Run pylint and enforce score >=7.5





  1 ▶ Run echo "Running pylint..."
 14 Running pylint...
 15 Pylint Score: 8.94
 16 Pylint check passed.

>  Setup Node.js
>  Install frontend dependencies
>  Run ESLint
v  Upload Lint Report


  1 ▶ Run actions/upload-artifact@v4
 16 With the provided path, there will be 1 file uploaded
 17 Artifact name is valid!
 18 Root directory input is valid!
 19 Beginning upload of artifact content to blob storage
 20 Uploaded bytes 1863
 21 Finished uploading artifact content to blob storage!
 22 SHA256 digest of uploaded artifact zip is 23babd8158900e924d41833a1a3d22592d4f34b088e509be91b4a5a82281b257
 23 Finalizing artifact upload
 24 Artifact lint-report.zip successfully finalized. Artifact ID 4507926685
 25 Artifact lint-report has been successfully uploaded! Final size is 1863 bytes. Artifact ID is 4507926685
 26 Artifact download URL: https://github.com/pestechology/PESU\_RR\_CSE\_I\_P47\_Dynamic\_Resume\_Analyzer\_CommitAndChill/actions/runs/19194362755/artifacts/4507926685
```

SECURITY STAGE (bandit, safety)


```
Security Scan Stage
succeeded 1 hour ago in 41s

>  Setup Python 0s
>  Install Cairo system dependencies 22s
>  Install Security Tools 12s
v  Run Bandit (Static Security Scan) 0s

  1 ▶ Run bandit -r src -f json -o bandit-report.json
 11 [main] INFO profile include tests: None
 12 [main] INFO profile exclude tests: None
 13 [main] INFO cli include tests: None
 14 [main] INFO cli exclude tests: None
 15 [json] INFO JSON output written to file: bandit-report.json

v  Run Safety (Dependency Vulnerability Check) 3s

  1 ▶ Run safety check --full-report > safety-report.txt

v  Upload Security Reports 0s

  1 ▶ Run actions/upload-artifact@v4
 18 Multiple search paths detected. Calculating the least common ancestor of all paths
 19 The least common ancestor is /home/runner/work/PESU_RR_CSE_I_P47_Dynamic_Resume_Analyzer_CommitAndChill/PESU_RR_CSE_I_P47_Dynamic_Resume_Analyzer_CommitAndChill. This will be the root directory of the artifact
 20 With the provided path, there will be 2 files uploaded
 21 Artifact name is valid!
 22 Root directory input is valid!
 23 Beginning upload of artifact content to blob storage
 24 Uploaded bytes 1419
 25 Finished uploading artifact content to blob storage!
 26 SHA256 digest of uploaded artifact zip is 554ae7d21ac2905474a65a24036f3f90b62f35c7860509b0713fce774694c81
 27 Finalizing artifact upload
 28 Artifact security-reports.zip successfully finalized. Artifact ID 4507928727
 29 Artifact security-reports has been successfully uploaded! Final size is 1419 bytes. Artifact ID is 4507928727
 30 Artifact download URL: https://github.com/pestechology/PESU\_RR\_CSE\_I\_P47\_Dynamic\_Resume\_Analyzer\_CommitAndChill/actions/runs/19194362755/artifacts/4507928727
```

Pull Requests- We maintained a specific format for all pull requests, ensuring each included a clear title, description, and linked Jira ID. This made reviews structured, faster, and more consistent across the team.

Implement Missing Sections Detection & Tests (DRA-8) #7

Merged

vishwambharaRH merged 13 commits into develop from feature/DRA-8/missing-sections 3 days ago

Conversation 2

Commits 13

Checks 0

Files changed 12

+830 -14

prerana2005 commented 3 days ago

Description:
Implements DRA-8: Detect missing sections in resumes and add unit/integration tests.
Changes:

- Added SectionDetector module to detect missing sections in resumes
- Added unit tests for section detection (tests/unit/parsing/test_section_detector.py)
- Added integration tests for parsing → feedback flow (tests/integration/test_parsing_feedback_flow.py)
- Updated results endpoint (src/api/results.py)
- Registered results router in src/main.py
- Updated test fixtures and conftest.py
- Minor code quality improvements in parser and test modules

Files Changed:

- src/parser/section_detector.py
- src/parser/init.py
- src/api/results.py
- src/main.py
- tests/unit/parsing/test_section_detector.py
- tests/integration/test_parsing_feedback_flow.py
- tests/init.py
- conftest.py

Testing:

- Run backend tests: `pytest --cov=src`
- Upload resumes with complete, partially missing, and empty sections → verify validation response
- Ensure API endpoints `/api/v1/parse` and `/api/v1/results/{jobid}` work as expected
- Verify CI/CD pipeline passes for backend tests and linting

Jira: DRA-8
Please review and let me know if any changes are required.

Reviewers

vishwambharaRH

VineetSharma05

vishank-na

RakshithKakunje9

Thaman-N

v-s-v-i-s-h-w-a-s

rbanginwar

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

None yet

Notifications

Unsubscribe

You're receiving notifications because you authored the

feat: register results API router and load section detector (DRA-46) 379bde6

feat: connect section validation into parsing pipeline (FR-002) 834a8c4

feat(ui): add resume completeness & missing section indicators on Res. 2017001

chore(test): update pytest config & fixtures for section validation t. 6b6827f

fix(ui): update Results.jsx a56e366

chore: improve code quality checks and security scanning cff0449

chore: merge feature/DRA-7/resume-upload into DRA-8, keeping DRA-7 ch. b482438

chore(parser): remove unused parser_integration.py 39b2900

prerana2005 requested review from RakshithKakunje9, Thaman-N, VineetSharma05, rbanginwar, v-s-v-i-s-h-w-a-s, vishwambharaRH and vishank-na as code owners 3 days ago

VineetSharma05 commented 3 days ago

Looks great, clean implementation and well-covered with both unit and integration tests. Section detection works as expected, and the API updates are consistent and functional. All checks pass approved

vishwambharaRH approved these changes 3 days ago

View reviewed changes

vishwambharaRH left a comment

The logic for the missing sections is sound. All checks are passing.

vishwambharaRH merged commit 5505be9 into develop 3 days ago

Revert

Pull request successfully merged and closed

You're all set — the feature/DRA-8/missing-sections branch can be safely deleted.

Delete branch

GITHUB ACTIONS(Pipeline Reliability):

✓ chore(ci): merge develop → main after successful pre-merge validation CI/CD Pipeline #50: Commit 2ee3128 pushed by prerana2005	main	Today at 10:43 AM 12m 14s	...
✓ Sprint 1 CI/CD Pipeline #49: Pull request #40 opened by VineetSharma05	develop	Today at 10:32 AM 8m 20s	...
✓ Merge pull request #39 from pestechology/update-ci-cd-workflow CI/CD Pipeline #48: Commit 6df5033 pushed by VineetSharma05	develop	Today at 10:21 AM 9m 28s	...
✗ Merge pull request #38 from pestechology/develop CI/CD Pipeline #47: Commit e714f32 pushed by VineetSharma05	main	Today at 8:39 AM 11m 55s	...
✓ Sprint 1 CI/CD Pipeline #46: Pull request #38 opened by VineetSharma05	develop	Today at 12:12 AM 12m 55s	...
✓ Merge pull request #37 from pestechology/update-ci-cd-workflow CI/CD Pipeline #45: Commit ae18818 pushed by prerana2005	develop	Nov 8, 11:57 PM GMT+5:30 11m 28s	...
✗ Merge pull request #36 from pestechology/develop CI/CD Pipeline #44: Commit fa645e4 pushed by VineetSharma05	main	Nov 8, 8:34 PM GMT+5:30 10m 44s	...
✓ Develop CI/CD Pipeline #43: Pull request #36 opened by VineetSharma05	develop	Nov 8, 8:21 PM GMT+5:30 11m 13s	...
✓ Merge pull request #34 from pestechology/feature/DRA-22/batch-multip... CI/CD Pipeline #41: Commit 34eb7e5 pushed by prerana2005	develop	Nov 8, 8:01 PM GMT+5:30 11m 47s	...
✓ feature/dra 22/batch-multiple-resumes CI/CD Pipeline #40: Pull request #33 opened by vrishank-na	feature/DRA-22/batch-multip...	Nov 8, 7:49 PM GMT+5:30 11m 49s	...
✓ Merge pull request #32 from pestechology/feature/DRA-22/batch-multip... CI/CD Pipeline #39: Commit d59233b pushed by vrishank-na	develop	Nov 8, 5:03 PM GMT+5:30 11m 36s	...
✓ Merge pull request #31 from pestechology/feature/DRA-21/anonymise-data CI/CD Pipeline #38: Commit 542b44e pushed by vrishank-na	develop	Nov 8, 3:40 PM GMT+5:30 14m 59s	...
✓ Merge pull request #30 from pestechology/feature/DRA-23-26/NFRs CI/CD Pipeline #37: Commit 25997a7 pushed by VineetSharma05	develop	Nov 8, 1:49 AM GMT+5:30 9m 0s	...
✗ Merge pull request #29 from pestechology/update-ci-cd-workflow CI/CD Pipeline #36: Commit 447d68e pushed by VineetSharma05	develop	Nov 8, 1:22 AM GMT+5:30 11m 56s	...
✗ Merge pull request #28 from pestechology/update-ci-cd-workflow CI/CD Pipeline #35: Commit 2fb632c pushed by VineetSharma05	develop	Nov 8, 12:58 AM GMT+5:30 6m 10s	...

Based on last 15 runs we had 73% success rate of our pipeline.

Sprint 1 #40

Merged prerana2005 merged 2 commits into `main` from `develop` 2 hours ago

Conversation 1 | Commits 2 | Checks 14 | Files changed 1



VineetSharma05 commented 3 hours ago

Sprint-1 Completion: Merge `develop` → `main`

Overview

This pull request merges all completed Sprint-1 features, enhancements, and tests from the `develop` branch into `main`. The sprint focused on foundational system functionality, non-functional requirements implementation, and establishing CI, testing, and documentation practices.

Scope of Work Included

Category	Description
Functional Deliverables	Completed Sprint-1 user stories and backend service logic
NFR Implementation	Performance optimization, logging, validation, and fault-tolerance mechanisms implemented
Testing	Added unit and integration tests for Sprint-1 scope
CI/CD	GitHub workflow validated for build and test execution
Documentation	Updated README, architecture notes, and code-level documentation

Requirements Traceability

Type	ID	Status	Notes
NFR	NFR-001	Implemented	Asynchronous processing and efficient FastAPI architecture
NFR	NFR-002	Implemented	Centralized logging and request trace logs
NFR	NFR-003	Implemented	Input validation and secure file handling practices
NFR	NFR-004	Implemented	Graceful exception handling and service stability improvements
Sprint Tests	UT & IT	Completed	Added tests for Sprint-1 modules to ensure reliability

Reviewers

	prerana2005	✓
	vishank-na	✓
	vishwambharaRH	✓
	RakshithKakunje9	✓
	Thaman-N	✓
	v-s-v-i-s-h-w-a-s	✓
	rbanginwar	✓

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

None yet

Notifications

Unsubscribe Customize
You're receiving notifications because you modified the open/close state.

2 participants

Testing Summary

Test Type	Status
Unit Tests	Passed
Integration Tests	Passed
Manual Validations	Completed
CI Pipeline	Passing

Code Quality

- Adheres to project coding standards and modular structure
- Meaningful comments, docstrings, and readability improvements
- Organized directory structure and reusable components

Documentation Updates

- README updated with latest service behavior
- Added developer notes for running and testing the system
- Traceability documentation for NFRs and sprint deliverables

Conclusion

This PR completes Sprint-1 delivery. All acceptance criteria and quality benchmarks for Sprint-1 have been met and validated. Requesting approval for merge to `main`.

prerana2005 and others added 2 commits 3 hours ago

fix(ci): correct Vite build artifact path from build/ to dist/ for fr_ d68ccd3

Merge pull request #39 from pestechology/update-ci-cd-workflow Verified ✓ 6df5833

VineetSharma05 requested review from RakshithKakunje9, Thaman-N, prerana2005, rbanginwar, v-s-v-i-s-h-w-a-s, vishwambharaRH and vishank-na as code owners 3 hours ago

prerana2005 approved these changes 2 hours ago View reviewed changes

prerana2005 left a comment

All CI checks passed — build, tests, coverage, lint, and security scans successful. Ready to merge

prerana2005 merged commit 2ee3128 into main 2 hours ago 14 checks passed

View details Revert

Pull request successfully merged and closed
You're all set — the branch has been merged.