GitHub Repository Metrics Report

SujanS1505/Github-API-Metrics---Backend

Stars: 0

Generated: 2026-01-14 18:34 UTC

KPI Summary

KPI	Value	KPI	Value
Open issues	0	Closed issues	0
Open/closed ratio	0	Avg resolution (days)	0
Bug/feature ratio	N/A	Reopen rate (%)	0
Files analyzed	208	Test-to-code ratio	0.0
Hotspot files	0	Stale files	0
Open security alerts	7	Signed commits (%)	0.0
Protected branches	0	Avg remediation (days)	0.03

Collection notes: issues are fetched with a page cap in PDF mode; commits are sampled from the last ~90 days; hotspot/stale detection uses the thresholds in code.

Repository Overview

Repository: SujanS1505/Github-API-Metrics---Backend
Stars: 0
Generated: 2026-01-14 18:34 UTC

Issue & Backlog Metrics

Metric	Value
Open Issues	0
Closed Issues	0
Open Closed Ratio	0
Avg Resolution Time Days	0
Bug Issues	0
Feature Issues	0
Bug Feature Ratio	N/A
Issue Reopen Rate %	0
Issue Reopen Sample Size	0

Metric metadata

Open vs Closed Issues Ratio (Backlog health): open / (open + closed)

Average Issue Resolution Time (Delivery efficiency): average days from created_at to closed_at for closed issues.

Issue Reopen Rate (Requirement clarity): % of sampled recent issues with at least one 'reopened' event (Issues Events API).

Bug vs Feature Ratio (Product stability): bug-labeled issues / feature-labeled issues (supports labels like 'kind:bug').

Issues Created vs Closed per Sprint (Throughput consistency): counts grouped by 14-day sprints starting at earliest created_at in the fetched set.

Total Issues (open + closed): 0

Code Quality & Maintenance

Metric	Value
Files Analyzed	208
Hotspot Files	0
Test To Code Ratio	0.0
Stale Files	0

Code Churn

Total churn: 17393   **Avg churn/file:** 83.62

File	Churn	Commits
reports/code_churn_by_file.csv	4333	2
Sujan/reports/code_churn_by_file.csv	2185	3
Rohith/repo_metrics/adapters/exporters/pdf_report.py	1664	2
Rohith/run_metrics.py	1120	2
Sujan/src/reports/pdf_report_generator.py	586	4
Rohith/repo_metrics/domain/metrics/pr_quality.py	512	2
Rohith/repo_metrics/domain/metrics/pr_reopen_rate.py	350	2
Rohith/repo_metrics/adapters/github/github_client.py	324	2
Rohith/repo_metrics/domain/metrics/bus_factor.py	312	2
Rohith/repo_metrics/domain/metrics/merge_frequency.py	298	2
src/main.py	298	7
Rohith/csv_prometheus_exporter.py	248	2
Rohith/repo_metrics/domain/metrics/pr_efficiency.py	246	2
Rohith/data/merged_prs.csv	228	2
Rohith/data/pr_merge_lead_time.csv	228	2
Rohith/repo_metrics/domain/metrics/pr_lead_time.py	214	2
src/metrics/issue_backlog_metrics.py	177	3
Dinesh-Kumar/exporters/pdf_exporter.py	152	1
Rohith/repo_metrics/domain/metrics/code_churn.py	128	2
Rohith/repo_metrics/domain/metrics/commits_time_distribution.py	128	2
Sujan/src/runners/issue_metrics_runner.py	127	3
Rohith/data/branches.csv	120	2
Rohith/data/commits_time_distribution.csv	112	2
Rohith/repo_metrics/domain/metrics/graphql_total_commits.py	110	2
Rohith/repo_metrics/__init__.py	106	2
src/runners/code_quality_runner.py	106	1

File	Churn	Commits
Rohith/repo_metrics/domain/metrics/branches.py	102	2
Sujan/src/metrics/issue_backlog_metrics.py	97	3
Rohith/repo_metrics/domain/metrics/commit_cadence.py	94	2
Dinesh-Kumar/run.py	93	1
Sujan/src/runners/repo_metrics_collector.py	92	1
src/runners/issue_metrics_runner.py	91	1
Rohith/data/prs_closed_not_merged.csv	90	2
Rohith/README.md	88	3
Rohith/data/bus_factor_details.csv	86	2
Rohith/data/commit_frequency_by_author.csv	86	2
Rohith/repo_metrics/domain/metrics/commit_frequency.py	76	2
src/metrics/code_quality_metrics.py	72	1
src/api/issues.py	71	3
Rohith/repo_metrics/adapters/exporters/prometheus/prometheus_exporter.py	70	2
Rohith/repo_metrics/domain/metrics/active_contributors.py	70	2
src/api/security.py	63	2
reports/issue_sprint_throughput.csv	62	3
Sujan/src/runners/security_metrics_runner.py	61	2
Sujan/src/metrics/security_metrics.py	60	3
Rohith/repo_metrics/ports/github_port.py	60	2
Rohith/repo_metrics/app/prometheus_app.py	56	2
src/runners/security_metrics_runner.py	51	2
src/metrics/security_metrics.py	51	1
Dinesh-Kumar/metrics/language_metrics.py	50	1
Sujan/src/runners/pdf_report_runner.py	50	3
Dinesh-Kumar/fetcher/commits.py	49	1
src/api/commits.py	47	1
Dinesh-Kumar/metrics/quality_metrics.py	44	1
Rohith/data/repository_activity_metrics.csv	44	2
Sujan/src/github_client.py	42	2
Rohith/repo_metrics/app/metrics_service.py	40	2
Sujan/src/api/issues.py	39	3
Dinesh-Kumar/fetcher/cloner.py	38	1
Sujan/src/reports/csv_reader.py	35	2
Dinesh-Kumar/analyzer.py	33	1

File	Churn	Commits
.gitignore	33	3
Sujan/reports/branch_protection_sample.csv	31	1
Sujan/reports/issue_reopen_sample.csv	31	1
Sujan/reports/issue_resolution_sample.csv	31	1
Sujan/reports/issues_open_sample.csv	31	1
Sujan/reports/signed_commits_sample.csv	31	1
Rohith/data/merges_time_distribution.csv	30	2
src/reports/csv_writer.py	29	1
Dinesh-Kumar/metrics/loc_metrics.py	27	1
Dinesh-Kumar/exporters/csv_exporter.py	26	1
Dinesh-Kumar/fetcher/local_walker.py	26	1
Sujan/reports/issue_summary_metrics.csv	26	3
Sujan/reports/issue_sprint_throughput.csv	24	3
reports/issue_summary_metrics.csv	22	3
Rohith/data/pr_quality_metrics.csv	22	2
Rohith/repo_metrics/domain/time_utils.py	22	2
Dinesh-Kumar/metrics/file_metrics.py	18	1
Dinesh-Kumar/metrics/commit_metrics.py	17	1
Dinesh-Kumar/output/aws_deep-learning-containers_metrics_20260113_213609.csv	17	1
Dinesh-Kumar/output/scala_docs.scala-lang_metrics_20260113_213239.csv	17	1
Sujan/src/api/repo_metadata.py	17	1
Dinesh-Kumar/config.py	16	1
src/github_client.py	16	2
Sujan/src/runners/code_quality_runner.py	15	2
Sujan/src/main.py	13	3
reports/security_compliance_metrics.csv	13	4
reports/code_quality_summary.csv	13	2
Sujan/src/metrics/code_quality_metrics.py	12	2
requirements.txt	10	4
src/config.py	10	1
Dinesh-Kumar/auth.py	9	1
Sujan/reports/security_compliance_metrics.csv	8	2
Rohith/data/prs_reopened.csv	8	2
Dinesh-Kumar/metrics/base.py	6	1
Rohith/requirements.txt	6	2

File	Churn	Commits
.github/depandabot.yml	6	1
Sujan/reports/code_quality_summary.csv	4	2
Dinesh-Kumar/.env.example	3	1
Dinesh-Kumar/fetcher/repo_files.py	3	1

Top 100 files by churn. Full listing is in reports/code_churn_by_file.csv.

Hotspot Files

No hotspot files found (per current thresholds).

Security & Compliance

Metric	Value
Open Security Alerts	7
Avg Remediation Time Days	0.03
Signed Commits Percentage	0.0
Protected Branches	0

Metric metadata

Open security alerts (Dependabot): count of open alerts returned by the Dependabot Alerts API.

Time to remediate vulnerabilities: average days between created_at and fixed_at for fixed alerts (if available).

Signed commits percentage: % of recent commits whose verification.verified == true.

Protected branches count: number of branches where the branch protection endpoint returns data.

Dependabot Alerts (Sample)

#	Severity	Package	Created	Fixed	State
7	medium	requests	2026-01-13T17:10:17Z		open
6	medium	requests	2026-01-13T17:10:17Z		open
5	high	reportlab	2026-01-13T14:19:00Z		open
4	medium	requests	2026-01-13T06:35:19Z	2026-01-13T06:47:01Z	fixed
3	high	requests	2026-01-13T06:35:19Z	2026-01-13T06:47:01Z	fixed
2	medium	requests	2026-01-13T05:30:29Z	2026-01-13T06:47:00Z	fixed
1	medium	requests	2026-01-13T05:30:29Z	2026-01-13T06:47:00Z	fixed

Signed Commits (Sample)

SHA	Date	Author	Verified
2465e41b80	2026-01-14T18:18:12Z	SujanS1505	False
7830f7d52f	2026-01-14T17:22:39Z	SujanS1505	False
5e7d654a7c	2026-01-13T17:09:44Z	dineshkumargm	False
1e6bc92c1d	2026-01-13T16:59:33Z	SujanS1505	False
62e93f2f77	2026-01-13T16:59:21Z	SujanS1505	False
b8d09a1578	2026-01-13T16:32:58Z	dineshkumargm	False
78a2fc12cf	2026-01-13T15:01:17Z	ROHITH-1234	False
7895f0d65b	2026-01-13T14:40:37Z	ROHITH-1234	False
9a25bdb9e7	2026-01-13T14:35:06Z	ROHITH-1234	False
ab24d47084	2026-01-13T14:18:56Z	SujanS1505	False
4e254b84c0	2026-01-13T13:27:57Z	SujanS1505	False
dd2a1a9d9c	2026-01-13T06:46:55Z	SujanS1505	False

SHA	Date	Author	Verified
7a40ab4db6	2026-01-13T06:35:14Z	SujanS1505	False
3bb3942ed5	2026-01-13T05:30:20Z	SujanS1505	False
01ca9791a9	2026-01-13T04:04:06Z	SujanS1505	False
5397b143b7	2026-01-12T08:20:03Z	SujanS1505	False
4b9b16e939	2026-01-11T16:54:32Z	SujanS1505	False
51c923e29a	2026-01-11T16:20:07Z	SujanS1505	False
d9c98d4997	2026-01-11T14:53:52Z	SujanS1505	False
cc232f5f98	2026-01-11T13:03:01Z	SujanS1505	False

Branch Protection (Sample)

Branch	Protected
dependabot/pip/Dinesh-Kumar/requests-2.32.4	False
dependabot/pip/Sujan/reportlab-3.6.13	False
main	False