

PRISM Frontend/Backend File Report

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Scope: backend/ and frontend/ within the PRISM workspace

Excluded directories: .venv/, venv/, __pycache__/, node_modules/, .next/

Backend

backend/.gitkeep â€” Placeholder to keep the backend directory in git.

backend/main.py â€” FastAPI aggregator that mounts api, ai, and db services under /api, /ai, /db.

backend/backend-ai/.gitkeep â€” Placeholder to keep the backend-ai directory in git.

backend/backend-ai/app/ai/openrouter.py â€” Initializes OpenRouter OpenAI client with API key and headers.

backend/backend-ai/health.db â€” SQLite database file for repo health records (generated at runtime).

backend/backend-ai/package.json â€” Node package manifest for the GitHub Action wrapper and scripts.

backend/backend-ai/package-lock.json â€” NPM lockfile for backend-ai Node dependencies.

backend/backend-ai/requirements.txt â€” Python dependencies for the FastAPI AI service.

backend/backend-ai/src/health.db â€” SQLite database file used by the AI service (generated at runtime).

backend/backend-ai/src/index.js â€” GitHub Action entrypoint: loads PR data, lints diff, calls backend, posts comment.

backend/backend-ai/src/main.py â€” FastAPI AI analyzer; calls OpenRouter or falls back to deterministic checks; stores health.

backend/backend-ai/src/test_ai.py â€” Small script to invoke run_ai_analysis with a sample PR payload.

backend/backend-ai/test/test.py â€” Placeholder test file with a trivial conditional and print.

backend/backend-api/.gitkeep â€” Placeholder to keep the backend-api directory in git.

backend/backend-api/CONTRACT.md â€” API contract for POST /analyze-pr request/response shape.

backend/backend-api/health.db â€” SQLite database file for repo health records (generated at runtime).

backend/backend-api/package.json â€” Node package manifest; starts Node wrapper and preinstalls Python deps.

backend/backend-api/package-lock.json â€” NPM lockfile for backend-api Node dependencies.

backend/backend-api/requirements.txt â€” Python dependencies for the FastAPI API service.

backend/backend-api/runtime.txt â€” Python runtime pin for deployment.

backend/backend-api/src/__init__.py â€” Empty package marker for Python imports.

backend/backend-api/src/ai/__init__.py â€” Empty package marker for AI analyzer module.

backend/backend-api/src/ai/analyze_pull_request.py â€” Deterministic analyzer that derives signals, risks, and scores from PR metadata/diff.

backend/backend-api/src/index.js â€” GitHub Action wrapper; starts FastAPI locally or posts analysis to backend and comments on PRs.

backend/backend-api/src/main.py â€” FastAPI API service; calls analyzer, supports demo mode, stores health metrics.

backend/backend-api/test/test.py â€” Placeholder test file that prints a message.

backend/backend-db/.gitkeep â€” Placeholder to keep the backend-db directory in git.

backend/backend-db/health.db â€” SQLite database file (unused when Mongo is configured; generated at runtime).

backend/backend-db/package.json â€” Node package manifest for the GitHub Action wrapper and scripts.
backend/backend-db/package-lock.json â€” NPM lockfile for backend-db Node dependencies.
backend/backend-db/requirements.txt â€” Python dependencies for the FastAPI DB service (includes pymongo).
backend/backend-db/runtime.txt â€” Python runtime pin for deployment.
backend/backend-db/src/index.js â€” GitHub Action wrapper; starts FastAPI locally or posts analysis to backend and comments on PRs.
backend/backend-db/src/main.py â€” FastAPI DB service; stores PR health in MongoDB or in-memory fallback; summary endpoints.
backend/backend-db/test/test.py â€” Placeholder test file printing repeated lines.

Frontend

frontend/package-lock.json â€” Top-level NPM lockfile for the frontend folder (empty package set).
frontend/ai-repo-supervisor/.gitignore â€” Git ignore rules for the Next.js app and common artifacts.
frontend/ai-repo-supervisor/README.md â€” Default Next.js README with dev/start instructions.
frontend/ai-repo-supervisor/app/favicon.ico â€” Favicon asset for the Next.js app.
frontend/ai-repo-supervisor/app/globals.css â€” Global Tailwind import and base theme styles.
frontend/ai-repo-supervisor/app/layout.tsx â€” Root layout that loads fonts and defines site metadata.
frontend/ai-repo-supervisor/app/page.tsx â€” Landing page with hero copy and CTA to the dashboard.
frontend/ai-repo-supervisor/app/libs/mockRepos.tsx â€” Mock repository dataset used by the dashboard and repo pages.
frontend/ai-repo-supervisor/app/dashboard/page.tsx â€” Dashboard listing cards for mock repos with status and scores.
frontend/ai-repo-supervisor/app/dashboard/[repo]/page.tsx â€” Repo detail page with health chart and recent PR cards.
frontend/ai-repo-supervisor/public/file.svg â€” Static SVG asset used by the UI or template.
frontend/ai-repo-supervisor/public/globe.svg â€” Static SVG asset used by the UI or template.
frontend/ai-repo-supervisor/public/next.svg â€” Next.js logo asset from the starter template.
frontend/ai-repo-supervisor/public/vercel.svg â€” Vercel logo asset from the starter template.
frontend/ai-repo-supervisor/public/window.svg â€” Static SVG asset used by the UI or template.
frontend/ai-repo-supervisor/src/adapters/prAdapter.ts â€” Types + adapter to label risk/health and normalize backend responses for UI.
frontend/ai-repo-supervisor/src/components/RecentPullRequestCard.tsx â€” Expandable PR card component showing summary, risks, and actions.
frontend/ai-repo-supervisor/src/mocks/sampleAnalyzeResponse.ts â€” Baseline mock backend response used by mock repo data.
frontend/ai-repo-supervisor/eslint.config.mjs â€” ESLint config using Next.js core-web-vitals and TypeScript presets.
frontend/ai-repo-supervisor/next.config.ts â€” Next.js configuration placeholder.
frontend/ai-repo-supervisor/package.json â€” Next.js app manifest with scripts and dependencies.
frontend/ai-repo-supervisor/package-lock.json â€” NPM lockfile for the Next.js app dependencies.
frontend/ai-repo-supervisor/postcss.config.mjs â€” PostCSS config enabling Tailwind v4 plugin.
frontend/ai-repo-supervisor/tsconfig.json â€” TypeScript config for the Next.js app.