

## 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

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backend/.gitkeep — Placeholder to keep the backend directory in git.

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

backend/backend-ai/.gitkeep — Placeholder to keep the backend-ai directory in git.

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

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

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

backend/backend-ai/package-lock.json — NPM lockfile for backend-ai Node dependencies.

backend/backend-ai/requirements.txt — Python dependencies for the FastAPI AI service.

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

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

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

backend/backend-ai/src/test\_ai.py — Small script to invoke run\_ai\_analysis with a sample PR payload.

backend/backend-ai/test/test.py — Placeholder test file with a trivial conditional and print.

backend/backend-api/.gitkeep — Placeholder to keep the backend-api directory in git.

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

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

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

backend/backend-api/package-lock.json — NPM lockfile for backend-api Node dependencies.

backend/backend-api/requirements.txt — Python dependencies for the FastAPI API service.

backend/backend-api/runtime.txt — Python runtime pin for deployment.

backend/backend-api/src/\_\_init\_\_.py — Empty package marker for Python imports.

backend/backend-api/src/ai/\_\_init\_\_.py — Empty package marker for AI analyzer module.

backend/backend-api/src/ai/analyze\_pull\_request.py — Deterministic analyzer that derives signals, risks, and scores from PR metadata/diff.

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

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

backend/backend-api/test/test.py — Placeholder test file that prints a message.

backend/backend-db/.gitkeep — Placeholder to keep the backend-db directory in git.

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

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

## Frontend

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