# Site-Analyser: React Frontend + Django Backend

* site-analyser/
  + .github/ # GitHub configuration
    - workflows/ # GitHub Actions workflows
      * ci.yml # CI workflow
      * deploy.yml # Deployment workflow
  + client
    - public/ # Static assets
      * favicon.ico # Site favicon
      * index.html # HTML template
      * manifest.json # Web app manifest
      * robots.txt # Robots file
    - src
      * assets/ # Images, fonts, etc.
        + css
        + fonts
        + icons
        + images

hero-image.svg

* + - * components # Reusable UI components
        + common # Shared components

Footer.js

Navbar.js

PrivateRoute.js

* + - * + dashboard # Dashboard-specific components

SecurityScoreCard.js

VulnerabilityChart.js

* + - * + reports # Report-specific components

AiRecommendations.js

ReportCard.js

ReportExport.js

ReportList.js

VulnerabilityList.js

* + - * + security # Security analysis components

ScanForm.js

ScanHistoryTable.js

ScanProgress.js

* + - * + contexts/ # React context providers

AuthContext.js

* + - * + hooks/ # Custom React hooks
        + pages/ # Page components

auth

Login.js

Register.js

dashboard

Dashboard.js

reports

ReportList.js

SecurityReport.js

scans

NewScan.js

ScanStatus.js

settings

Settings.js

HomePage.js

NotFound.js

* + - * + services/ # API service integrations

aiService.js

api.js

authService.js

reportService.js

ScanReportService.js

scanService.js

virtualReportService.js

* + - * + store/ # Redux state management
        + utils/ # Utility functions

storage.js

* + - * + App.js # Main application component
        + App.css
        + index.css
        + logo.svg
        + reportWebVitals.js
        + setupTests.js
        + index.js # Entry point
        + routes.js # Application routes
        + theme.js # UI theme configuration
    - .env # Environment variables
    - .env.production # Production environment
    - .env.production
    - package.json # Dependencies and scripts
    - README.md # Frontend documentation
  + docker
    - celery
      * Dockerfile
    - client
      * Dockerfile
      * Dockerfile.dev
      * nginx.conf
    - nginx
      * Dockerfile
      * nginx.conf
    - scripts
      * celery-entrypoint.sh
      * entrypoint.sh
    - server
      * Dockerfile
  + docs
    - api
    - architecture
    - user-guids
  + server
    - accounts
      * \_\_init\_\_.py
      * admin.py
      * apps.py
      * models.py
      * serializers.py
      * urls.py
      * views.py
    - ai\_analyzer
      * ml
        + anomaly\_detection

model.py

* + - * + risk\_scoring

model.py

* + - * + threat\_detection

model.py

* + - * services
        + ai\_analysis.py
        + ollama\_client.py
        + threat\_intelligence.py
        + \_\_init\_\_.py
      * \_\_init\_\_.py
      * admin.py
      * apps.py
      * models.py
      * serializers.py
      * urls.py
      * views.py
    - alerts
      * \_\_init\_\_.py
      * admin.py
      * apps.py
      * models.py
      * views.py
    - api
      * \_\_init\_\_.py
      * apps.py
      * urls.py
    - celery\_app
      * \_\_init\_\_.py
      * celery.py
      * tasks.py
    - integrations
      * \_\_init\_\_.py
      * shodan\_service.py
      * ssl\_labs\_service.py
      * virus\_total\_service.py
    - reports
      * \_\_init\_\_.py
      * admin.py
      * apps.py
      * models.py
      * serializers.py
      * urls.py
      * views.py
    - scanner
      * services
        + content\_scanner.py
        + cookie\_scanner.py
        + cors\_scanner.py
        + csp\_scanner.py
        + header\_scanner.py
        + pdf\_report\_generator.py
        + port\_scanner.py
        + scan\_service.py
        + scan\_types.py
        + server\_analyzer.py
        + ssl\_scanner.py
        + vulnerability\_scanner.py
      * \_\_init\_\_.py
      * admin.py
      * apps.py
      * models.py
      * serializers.py
      * urls.py
      * views.py
    - scripts
      * celery-entrypoint.sh
      * entrypoint.sh
    - site\_analyser
      * settings
        + \_\_init\_\_.py
        + base.py
        + development.py
        + production.py
      * \_\_init\_\_.py
      * asgi.py
      * urls.py
      * wsgi.py
    - .env
    - manage.py
    - requirements.txt
  + .gitignore
  + dockerignore
  + docker-compose.yml
  + package-lock.json
  + package.json