01. Docker Installation

Alright, so if you have a small business or you are simply a freelancer in any field then Invoice Ninja might be for you. It is quite an easy install but you need to know a couple of gotcha's to get things rolling. I show you here my method that works for me, and you can just copy paste that. However, there are of course other workflows possible as well.

According to its official documentation

Docker Compose File

```
services:
  app:
    build:
      context: .
    image: invoiceninja/invoiceninja-debian:${TAG:-latest}
    restart: unless-stopped
    env_file:
      - ./.env
    volumes:
      # - ./php/php.ini:/usr/local/etc/php/conf.d/invoiceninja.ini:ro
      # - ./php/php-fpm.conf:/usr/local/etc/php-fpm.d/invoiceninja.conf:ro
      # - ./supervisor/supervisord.conf:/etc/supervisor/conf.d/supervisord.conf:ro
      - app_public:/var/www/html/public
      - app_storage:/var/www/html/storage
    depends_on:
      mysql:
        condition: service_healthy
      redis:
        condition: service_healthy
  nginx:
    image: nginx:alpine
    restart: unless-stopped
    ports:
      - 8333:80
    volumes:
      - ./nginx:/etc/nginx/conf.d:ro
```

```
      - app_public:/var/www/html/public:ro
      - app_storage:/var/www/html/storage:ro
    depends_on:
      app:
        condition: service_healthy
  mysql:
    image: mysql:8
    restart: unless-stopped
    environment:
      MYSQL_DATABASE: ${DB_DATABASE}
      MYSQL_USER: ${DB_USERNAME}
      MYSQL_PASSWORD: ${DB_PASSWORD}
      MYSQL_ROOT_PASSWORD: ${DB_ROOT_PASSWORD}
    volumes:
      - mysql_data:/var/lib/mysql
    healthcheck:
      test:
        - CMD
        - mysqladmin
        - ping
        - -h
        - localhost
        - -u${MYSQL_USER}
        - -p${MYSQL_PASSWORD}
  redis:
    image: redis:alpine
    restart: unless-stopped
    volumes:
      - redis_data:/data
    healthcheck:
      test:
        - CMD
        - redis-cli
        - ping
volumes:
  app_public:
    driver: local
  app_storage:
    driver: local
```

```
  mysql_data:
    driver: local
  redis_data:
    driver: local
networks: {}
```

.env

```
# IN application vars
TAG=latest
APP_URL=https://invoice.rfeyn.org
APP_KEY=base64:gDCwop+h+/KcHsrCzc7tt4lbqcqH8hzMnm3x3+8oGnM=
API_SECRET=Kikkers49$91
APP_ENV=production
APP_DEBUG=true
REQUIRE_HTTPS=false
PHANTOMJS_PDF_GENERATION=false #Turn this function off to generate pdf with snappdf
PDF_GENERATOR=snappdf
TRUSTED_PROXIES='*'



CACHE_DRIVER=redis
QUEUE_CONNECTION=redis
SESSION_DRIVER=redis

REDIS_HOST=redis
REDIS_PASSWORD=null
REDIS_PORT=6379

FILESYSTEM_DISK=debian_docker

# DB connection
DB_HOST=mysql
DB_PORT=3306
```

```
DB_DATABASE=ninjadplancer
DB_USERNAME=ninja
DB_PASSWORD=sf9823fsjlfkjwioefjlskfh0923jfklsdjf
DB_ROOT_PASSWORD=sdpoifj293fj09030rjnsnedfo3498t
DB_CONNECTION=mysql

# Create initial user
# Default to these values if empty
IN_USER_EMAIL=dp@p2pnode.org
IN_PASSWORD=nvQi5W14blOnpv
# IN_USER_EMAIL=
# IN_PASSWORD=

# Mail options
MAIL_MAILER=log
MAIL_HOST=smtp.porkbun.com
MAIL_PORT=587
MAIL_USERNAME=dp@p2pnode.org
MAIL_PASSWORD=PuV9#@pUca49C70e2V46&keg
MAIL_ENCRYPTION=tls
MAIL_FROM_ADDRESS='dp@p2pnode.org'
MAIL_FROM_NAME="DPLancer Invoices"

# MySQL
MYSQL_ROOT_PASSWORD=sdpoifj293fj09030rjnsnedfo3498t
MYSQL_USER=ninja
MYSQL_PASSWORD=sf9823fsjlfkjwioefjlskfh0923jfklsdjf
MYSQL_DATABASE=ninjadplancer

# GoCardless/Nordigen API key for banking integration
NORDIGEN_SECRET_ID=
NORDIGEN_SECRET_KEY=

IS_DOCKER=true
SCOUT_DRIVER=null
#SNAPPDF_CHROMIUM_PATH=/usr/bin/google-chrome-stable
```

2.

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