

Golf Platform - Full Stack Golf App

Features

- Secure JWT login + OAuth ready
- WHS handicap w/ <20 rounds adjustment
- Strokes gained analytics
- Swing video library
- GPS maps (Mapbox / Google)
- Groups, friends, leaderboards
- Push notifications via OneSignal
- Installable PWA

Tech stack

- FastAPI (Python) backend with JWT
- PostgreSQL / SQLite (via SQLAlchemy)
- Streamlit analytics & dashboards
- PWA shell (HTML/JS) on Netlify
- OneSignal push integration

Deployment

- FastAPI backend: Render (<https://golf-platform.onrender.com>)
- Streamlit app: Streamlit Cloud
- PWA: Netlify (<https://singular-marzipan-d851b5.netlify.app>)

Local dev quick start

```
cd fastapi-backend
```

```
pip install -r requirements.txt
```

```
uvicorn main:app --reload
```

```
cd ../streamlit-app
```

```
pip install -r requirements.txt
```

```
streamlit run app.py
```

.env Configuration

SECRET_KEY="..."

DATABASE_URL="sqlite:///./test.db"

ACCESS_TOKEN_EXPIRE_MINUTES=60