

Problem Description

The Košice Peace Marathon contains a wealth of interesting data that can inspire runners, reveal the event's history, and serve as an information source for media and the public. The goal of the MMM Stats project is to make this data accessible to everyone, not just experts, but also fans and casual visitors, transforming ordinary tables into an interactive and user-friendly system for the general public.

Solution Architecture

Web Interface : Vue.js + Vuetify + ApexCharts

Backend : Django REST Framework

Database : PostgreSQL

Key Features

- Runner search and filtering
- Interactive performance charts
- Complete race history per runner
- Upcoming marathons discovery with navigation to marathon page

Usage & Deployment

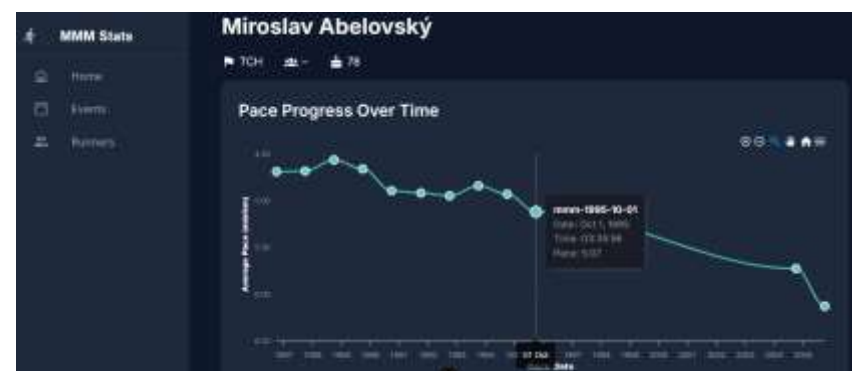
Functional prototype with real data from 100 years of MMM races and 20 000 runners

Deployment:

Local development (Django + Vue.js)

Docker image ready for production

Screenshots



Evaluation & Results

- Successful integration of historical data
- Responsive user interface
- Functional performance visualization