Michal Urban

Full-Stack Developer

Software developer with commercial experience building React frontends and Django REST APIs. Skilled in backend API development and relational database design.

Frontend / Backend Developer
Backbone | Hybrid | May 2023 – October 2024

- Developed and maintained production React features for an advertisement management dashboard, including CRUD operations, advanced filtering, and analytics views
- Built REST APIs in Django and designed relational models in PostgreSQL
- Integrated third-party APIs, optimized UI performance, and collaborated in a GitLab-based workflow

PROJECT

Weather Monitoring Platform – Full-Stack IoT System

SvelteKit, Django REST Framework, PostgreSQL, ESP32

- Built end-to-end IoT weather monitoring system using ESP32 (DHT sensor) and secure REST API
- Designed Django backend with JWT authentication, structured sensor data storage, and server-side aggregation queries
- Developed interactive dashboard with real-time data visualization and geospatial station mapping

CERTIFICATES

Electrical Technician Certificate (§ 21) – 2025
Cisco CCNA 2, 3 – 2023, 2024

EDUCATION

Secondary School of Electrical Engineering, Zochova 9, Bratislava

Field: Intelligent Technologies / 2021 – 2025 (Completed with Matura exam)

SKILLS

FRONTEND
React, Next.js, Svelte, TypeScript

BACKEND
Django, REST APIs, PostgreSQL

TOOLS
Docker, Git, AWS (S3), Linux

CONTACT INFO

Bratislava, Slovakia

+421 944 012 133

michal.urban724@gmail.com

github.com/michqo

linkedin.com/in/michal-urban-0a763a324