

Michal Dobšínský

Junior developer

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Prague, CZ

PROFILE

Junior developer at CZ.NIC, working on Django and Python applications around the .cz registry. I study Data Analytics at VŠE and hold an electrician's vocational qualification. I run a Proxmox homelab that hosts my own sites.

EXPERIENCE

Junior developer, CZ.NIC 2025 - present
The .cz domain registry, Prague

- Build Python/Django web applications, including internal payments and HR/attendance tools.
- Develop REST APIs with Django REST Framework on PostgreSQL.
- Work through GitLab code review and write tests with full branch coverage.

Junior Python developer, Luxonis 2023 - 2024
Prague

- Wrote Python scripts for data analysis and automation.
- Worked with computer vision on the OAK-D camera, its SDKs and OpenCV.
- Contributed to internal tools and automated recurring workflows.

Internship (2 weeks), Applifting 06/2024
Prague

- Helped develop a web app in Flask and PostgreSQL.
- Used Docker and Poetry, took part in team meetings, debugging and testing.

Internship (2 weeks), Photon Energy 06/2023
Prague

- IT support: hardware troubleshooting and basic network maintenance.
- Organized and analyzed internal data in Excel.

EDUCATION

Bachelor's, Data Analytics, VŠE 2025 - present
Prague University of Economics and Business

Electrician, vocational qualification (výuční list) 2026

Smíchovská střední průmyslová škola a gymnázium 2022 - 2025
High school, Prague

SELECTED PROJECTS

- Endometriosis survey engine** - self-hosted survey platform for a nursing thesis (Flask, PostgreSQL, vanilla JS).
- Home camera AI detection** - Python, OpenCV, YOLOv8, OAK-D.
- Steam CZ behaviour analysis** - VŠE semestral research in R.
- Gemma** - self-hosted Discord voice bot (faster-whisper, Ollama, Piper TTS).

SKILLS

Languages	Python, SQL, R, Bash, JavaScript (basic), C#
Tools	Django, DRF, Flask, PostgreSQL, Docker, Git/GitLab, Linux, Proxmox, nginx, OpenCV, ESP32/ESP8266, Home Assistant
Other	Statistics and data analysis, electrical installations, networking basics

LANGUAGES

Czech (native) · English (B2-C1) · German (A1-A2)