



CONTACT

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SOFTWARE and SKILLS

MODFLOW, HYDRUS, PEST

QGIS, Surfer, ParaView

Excel and data analysis

AutoCAD, Archicad

HTML / CSS (basic)

Python, SQL (basic)

Driving license cat. B

LANGUAGES

Czech — native

English — B2

INTERESTS

RPG and board game collecting

Strength training and fitness

Long-term investing and Bitcoin

Personal development

Ing. VOJTĚCH SKALA, Ph.D.

Hydrologist and civil engineer with a Ph.D. in water management. I specialize in hydrological modelling, data analysis and GIS. Over the past year I have been building and operating my own e-commerce business while expanding my expertise in AI applications, investing and digital entrepreneurship.

01 WORK EXPERIENCE

2025 — 2026 kultdraka.cz · Founder & Operator · 8 months

- › End-to-end management: web design, front-end, order processing, customer communication, content creation, marketing and accounting.

2022 — 2025 Progeo, s.r.o. · Hydrogeologist · 3.5 years

- › Field work — hydrogeological monitoring (groundwater level and discharge measurements).
- › Data processing, analysis and spatial visualization.
- › Developed and calibrated numerical groundwater flow and contaminant transport models for large-scale hydrogeological studies.
- › Projects: Káraný water source, Bzenec water source, D8 motorway landslide, Richard radioactive waste repository, deep geological repository and others.

2016 — 2022 CTU in Prague · Doctoral Researcher · 5.5 years

- › Involvement in GAČR and SGS research projects, hydrological monitoring and maintenance of the measurement network, inverse flow modelling.
- › Teaching — Hydraulics 1, Modelling Techniques in Hydrology, field courses.
- › Conferences in Vienna (2016–2021), Bratislava (2018), Brno (2021); publications in 2019 and 2020.

2013 — 2017 Civil Engineering / student jobs

- › Energy Benefit Centre a.s., Stavební firma Skala, Anylopex plus s.r.o.

02 EDUCATION

2018 — 2022 Ph.D. in Water Management and Hydraulic Engineering

*Specialization in Hydrology and Soil Physics of Green Infrastructure
Czech Technical University in Prague (CTU)*

2016 — 2018 M.Sc. in Civil Engineering

Specialization in Environmental Engineering · CTU

2012 — 2016 B.Sc. in Civil Engineering

Specialization in Environmental Engineering · CTU

2008 — 2012 Secondary Technical School of Civil Engineering

Secondary Technical School of Civil Engineering in České Budějovice

03 SELECTED PUBLICATIONS

2020 Hydrological and thermal regime of a thin green roof system evaluated by physically-based model

Urban Forestry & Urban Greening · 2020 · DOI: 10.1016/j.ufug.2020.126582

2019 The Use of Simple Hydrological Models to Assess Outflow of Two Green Roofs Systems

Soil and Water Research · 2019 · DOI: 10.17221/138/2018-SWR