



## contact

	Vienna
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## programming

R	
Python	
HTML	

## language skills

	C2
	C2
	C2

German Czech English

## interests



# Karel Hanak

## Digital & Process Engineer



### About me

My name is Karel Hanak, and I am a trained biotechnologist with a strong background in bio- and process technology, characterized by excellent interpersonal skills and an interest in optimization and efficiency. For more information, please visit my [website](#).



### Experience

2025 - present

#### Project Manager at Siemens Healthineers

- Responsible for the successful implementation of projects in the dynamic and highly sensitive healthcare sector with focus on IT

2023 - 2025

#### Digital Process Engineer at VTU Engineering

- Responsible engineer for the further development of database and software in close collaboration with Siemens (COMOS), as well as for internal coordination of update and feature implementations
- Improvement of workflows and enhancement of efficiency in projects in close coordination with all stakeholders
- Organization and leading of jour fixe meetings, workshops, and responsible for internal trainings
- Further development and implementation of operational standards and workflows in process planning, including the definition of respective interfaces

2021 - 2023

#### Process engineer at Vogelbusch Biopharma

- Concept,- Basic- and Detailengineering including COMOS-environment
- Design of pharmaceutical plant components including definition and specification of requirements, and creation as well as approval of technical documentation (i.e. PnID, GMP documentation like OQ)
- plant optimization and troubleshooting on-site in running production for international customers
- creation, approval and improvement of functional specification and automation
- 15+ months as responsible process engineer for FAT and commissioning, including IQ / OQ and GMP-documentation of pharmaceutical plants



### Education

2015 - 2020

#### Biotechnology

Postgraduate Studies at University of Life Sciences (BOKU) Vienna  
Dipl.-Ing. (equivalent to MSc) passed with distinction  
Master Thesis in epigenetics with focus on method development and optimization

2011 - 2015

#### Food- and Biotechnology

Undergraduate Studies at University of Life Sciences (BOKU) Vienna  
Bachelor Thesis in antibody engineering with focus on molecular biology



### Extracurricular activities

- Head of Office for Educational Policies, elected representative of the student body
- Awarded with scholarships for the European Forum Alpbach in 2019 and 2020 and active as seminar assistant in 2021
- Additional qualifications in data security, presentation techniques and applied economy as well as COMOS platform and PnID certifications