



ING. JAN HEREŠ

 janheres.eu

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Education

MSc. in Software Engineering

09/2022 - 06/2024

West Bohemian University, Faculty of Applied Sciences

Pilsen, CZ

- **Master's Thesis:** Reconstruction of a patient-specific surface model of the humerus bone in collaboration with Eva C. Herbst, Ph.D. (ETH Zürich)

BSc. in Computer Science

09/2019 - 08/2022

West Bohemian University, Faculty of Applied Sciences

Pilsen, CZ

- **Bachelor's Thesis:** Integration of muscle decomposition software into the Blender application in collaboration with Eva C. Herbst, Ph.D. (ETH Zürich)

Experience

UBK s.r.o.

Pilsen, CZ

Software Engineer

05/2025 - ongoing

- Development support for previous projects
- Lead developer of an integration middleware between multiple ERP and invoice processing systems
- Full-stack developer of printing kiosks with server-based configuration and monitoring
- Used technologies: Java, JavaFX, Spring, Hibernate, Wildfly, Vaadin, Maven, MySQL, MariaDB, Gitlab CI/CD, Docker

Java Software Developer

09/2024 - 05/2025

- Lead developer of a backend for Sicher24 which communicates with other services to provide a custom solution to warehouse management and effective order shipping
- Lead developer of an embedded Java application for custom beverage machines
- Used technologies: Java, JavaFX, Spring, Hibernate, Wildfly, Vaadin, Maven, MySQL, MariaDB, Gitlab CI/CD, Docker

Junior Java Developer

10/2022 - 08/2024

- Part of a development team of a backend for Sicher24 which communicates with other services to provide a custom solution to warehouse management and effective order shipping
- Part of a development team of an embedded Java application for custom beverage machines
- Used technologies: Java, JavaFX, Spring, Hibernate, Wildfly, Vaadin, Maven, MySQL, MariaDB, Gitlab CI/CD, Docker

Milanfon Media

Remote

Public Relations Manager, Script Writer

02/2018 - ongoing

- Communication with local and international partners (AMD, ACER, MSI, NVIDIA, ...)
- Negotiation and preparation of different opportunities and projects
- Scriptwriting and peer reviewing

Enaspol, a.s.

Rtyně nad Bílinou, CZ

IT technician

07/2022 - 09/2022

- Company's network management, managing network nodes that control automation hardware
- Management of the company's devices - notebooks, PCs, ...

DYSK s.r.o

Most, CZ

IT technician

12/2020 - 12/2021

- Company's network management - user management, management of additional network devices, APs, ...
- PC and notebook management - preparation for the user, OS and SW installation, basic setup process

Personal Projects

For projects, please refer to my website (<https://janheres.eu/projects>)

Technical Skills

Operating Systems: Windows XP and newer, Linux (various distributions), macOS Catalina and newer

Programming languages: C (intermediate), C# (basic), C++ (intermediate), Java (advanced), Python (intermediate), LaTeX(intermediate), PHP (basic), JavaScript (basic), Lua (basic), Bash (basic), SQL (intermediate), Rust (basic), Swift (basic)

Database systems: MySQL, SQLite, MariaDB, MongoDB, Oracle Database 10g

Development platforms: Android, iOS, Windows, Linux (x86 and ARM)

Development environments (IDEs): Neovim (primary), VS Code, Visual Studio 2017+, IntelliJ Idea, BlueJ, Eclipse

Technologies/Frameworks: Vaadin, Laravel, Docker, Git, Maven, Gitlab CI/CD, GitHub CI/CD, Unity (basic), .NET (basic), React Native (basic), AWS Stack

Languages

Czech (native), English (C1 level)

Interests

Cars, car industry and mechanical work, Formula 1, medicine and medical research, self education and self improvement, investing, electronics, hardware, squash (sport), workouts, IT, DIY