


ING. JAN HEREŠ

 janheres.eu

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 linkedin.com/in/jan-heres

 github.com/harryheres

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

Freelancer Software Engineer

05/2025 - ongoing

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Hybrid

- Working as a freelancing software engineer capable of taking on any challenges in order to find the best solution for the customer

Software Engineer

05/2025 - ongoing

UBK, spol. s r.o.

Pilsen, CZ

- 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

Public Relations Manager, Script Writer

02/2018 - ongoing

Milanfon Media

Remote

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

Java Software Developer

10/2022 - 05/2025

UBK, spol. s r.o.

Pilsen, CZ

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

IT technician

07/2022 - 09/2022

Enaspol, a.s.

Rtyně nad Bílinou, CZ

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

IT technician

12/2020 - 12/2021

DYSK, spol. s r.o.

Most, CZ

- 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 car communities, Formula 1, medicine and medical research, self education and self improvement, investing, electronics, hardware, squash (sport), workouts, IT, DIY