Wojciech Wicki

Technical Lead

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Gdynia, Poland

SUMMARY

Lead Systems Engineer with 5+ years of software development experience, currently owning core C++/Qt desktop architecture, SQL databases, and Linux server-side automation. Combines hands-on engineering with direct client consulting, driving cross-layer problem-solving and execution for business stakeholders and external IT teams. Passionate about data modeling with a background in academic research and hackathons.

WORK EXPERIENCE

Practice Management System for Veterinary Clinics

Technical Lead | VetNet International, Remote/Denmark 01.2025 - Present

- Serve as sole technical owner of the core C++/Qt desktop app, backend SQL database, and app integrations.
- Develop server-side background services, scripts, and automations running on Linux environments.
- Troubleshoot complex cross-layer issues across desktop code, OS dependencies, network firewalls, and data pipelines.
- Consult directly with clinic owners, CTOs and external IT teams on technical decisions and integrations.

Senior Software Engineer | VetNet A/S, Remote/Denmark 11.2023 - 12.2024

- Architected complex SQL queries, database migrations, and C++/Qt logic to improve system performance.
- Executed end-to-end data migrations between legacy and modern systems, ensuring high data integrity.
- Resolved high-priority system bottlenecks, network issues, and performance regressions across the platform.

Software Engineer | NinjaGeeks sp. z o.o., Remote/Poland 08.2022 - 11.2023

- Implemented core desktop UI components in C++/Qt and managed relational database schema updates.
- Diagnosed client-reported bugs, wrote code patches, and optimized database queries to enhance platform stability.

Industrial & Laboratory Scale Software

Software Engineer | Axis sp. z o.o., Gdańsk, Poland 04.2021 - 08.2022

- Developed and maintained multiple customer-facing and internal C++/Qt desktop applications for device communication and data analysis.
- Integrated communication with external hardware devices over TCP, UDP, and RS protocols using technical specifications provided by embedded engineering teams.
- Designed database schemas and SQL queries (MySQL/MSSQL) to log, process, and analyze measurement data.

SKILLS

Programming
C++, Python, SQL, Bash, QSS

Databases & OS
PostgreSQL, MySQL, MSSql, Windows, Linux

Methodologies
Agile, Scrum

Collaboration
Slack, MS Teams, Figma, Azure Boards

Tools
Git, GitHub, Azure DevOps, Visual Studio

Frameworks & Libraries
Qt, STL, Boost

EDUCATION

Master of Space & Satellite Technologies, IT Specialty Graduated: 2024
Gdańsk University of Technology, Poland

Bachelor of Data Engineering, IT Specialty Graduated: 2023
Gdańsk University of Technology, Poland

PROJECTS

- Mars Terrain Segmentation - https://aisel.aisnet.org/isd2014/proceedings2024/datascience/9/
- Automatic detection & classification of signs on Google Street View images, mapping
- Reinforcement Learning Agent in complex game environment