

// hello world

Martin Czarkowski

Microsoft SQL Server / T-SQL Developer & Backend Developer

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// Profile

Microsoft SQL Server / T-SQL Developer & Backend Developer focused on database-heavy enterprise software. I work where backend code meets data, migrations, performance tuning and production reality. My favourite kind of system is boring in production: predictable, measurable and fast enough when real data shows up.

// Skills

Database

Microsoft SQL Server	T-SQL	PostgreSQL
PL/pgSQL	Oracle PL/SQL	schema design
stored procedures	views	query tuning
indexing	migrations	

Backend & testing

C#	.NET	Entity Framework
xUnit	Python	Django basics

Tools & delivery

Git	Azure DevOps	TFS
Jira	DacFx / SqlPackage	SSMS
Visual Studio	Linux terminal	

Domains

enterprise security software	data loss prevention	billing systems
CRM	integrations	

// Experience

Microsoft SQL Server / T-SQL Developer & Backend Developer · Safetica

Jun 2022 - present | Brno, Czech Republic | Hybrid

- Develop and maintain database and backend layers for Safetica's enterprise security products.
- Design SQL Server schemas, stored procedures, views and migration scripts for new product versions.
- Work on complex upgrade and conversion scenarios where backward compatibility and data integrity matter.
- Optimize database-heavy features using diagnostics, telemetry, query analysis and index tuning.
- Add and maintain C#/.NET and Entity Framework code with xUnit test coverage around database behavior.
- Collaborate with product and engineering teams to keep protection strong without making real work painful.

Tech: SQL Server, T-SQL, C#, Entity Framework, xUnit, Git, Azure DevOps, DacFx / SqlPackage

Microsoft SQL Server / T-SQL Developer · Tietoevry

Jul 2020 - May 2022 | Brno, Czech Republic | Hybrid

- Developed and maintained database-heavy features for UPM customer solutions.
- Built and tuned T-SQL code, reports and data logic for business-critical systems.
- Worked in an international agile delivery environment.

Tech: Microsoft SQL Server, T-SQL, TFS, Azure DevOps

Oracle PL/SQL Developer · Tietoevry

Dec 2019 - Jul 2020 | Energy & Utilities portfolio | Customer and Billing (CAB)

- Maintained invoicing logic for a mature CAB product used by Scandinavian energy suppliers.
- Developed Oracle PL/SQL database code with a C# layer around it.
- Kept changes predictable in a long-running business-critical product.

Tech: Oracle 12c, PL/SQL, C#, Azure DevOps

PostgreSQL / PL/pgSQL Developer · ZEUS Solutions s.r.o.
Mar 2017 - Nov 2019 | Brno, Czech Republic
• Owned the PostgreSQL side of an in-house CRM: schema design, DB layers, functions, views, triggers and data transformations.
• Refactored legacy SQL into faster and more maintainable code.
• Automated reporting, bulk documents, SMS sending, electronic contracts, rewards and state-machine based processes.
• Worked closely with QA and business users to make sure new features behaved in production, not just in theory.
`Tech: PostgreSQL, PL/pgSQL, Yii, Git, reporting, data transformations`

Informatics / System Administrator · Supreme Administrative Court
Oct 2015 - Feb 2017 | Brno, Czech Republic | On-site
• Supported users and kept IT, building and security systems running without drama.
• Helped administer internal information systems, databases and public data publication.
• Supported the rollout of ICT information security policies in the Ministry of Justice environment.
`Tech: IT operations, databases, CCTV, access systems, user support`

System Administrator and Technical Support · Axima spol. s r.o.
Apr 2013 - Oct 2014 | Brno, Czech Republic | On-site
• Operated and supported SMS services for clients with business-critical communication needs.
• Handled platform administration, troubleshooting, documentation, audits and invoicing reports.
`Tech: Messaging platforms, system administration, customer support, reporting`

// Education

Secondary Industrial School of Electrical Engineering Brno
2005 - 2009 | Graduation / Maturita | Telecommunication, sound and video technology

Brno University of Technology
2010 - 2011 | Selected university coursework in communication technology

// Languages

Czech, Polish: native
English: working proficiency (B2)

// Off keyboard

Guitar, mountains and motorcycle rides. Same mindset as in good engineering: rhythm, balance and knowing when to shift gears.

Last updated: May 2026