> candidate.profile

JINDŘICH BYRTUS

TECH LEAD / SOFTWARE ARCHITECT

FOCUS

.NET / AI-Augmented Dev / Architecture

INDUSTRIES

Gaming / Insurance / Finance / Energy

LANGUAGES

CZ / EN / SK / FR / PL

CONTACT

jindrich@byrtus.dev **LinkedIn**

Digital card



$ Tech lead and software architect with 7+ years of experience, building teams where engineers and AI agents ship together: architecture, DevOps and delivery, owned end to end. Background in cloud-native systems and integrations across insurance, finance and energy.

SELECTED EXPERIENCE

TORCH

Aug 2026 - Present

Hatshot Studio

Founding Engineer / Tech Lead / Architect

Browser-first MMO RPG: a Unity 6 WebGPU client on SpacetimeDB, with a .NET 10 / Aspire / Blazor platform around it. A three-person team shipped 1,700+ commits and 4,000+ automated tests in its first three months.

- Architected the entire DevOps platform: GitHub Actions CI with self-hosted Unity build runners, GitOps delivery via Flux to Kubernetes on Hetzner, immutable SHA-tagged releases and gated dev/main environments
- Designed the AI-augmented development system: provider-agnostic agent contracts and reusable skills, with multiple coding agents (Claude Code, Codex) working in parallel in isolated worktrees and dev containers
- Combined role-specialised agents for research, implementation and adversarial review behind automated gates: zero-warning builds, required test suites and PR validation for backend and Unity client
- Lead development and own the architecture: WebGPU client talking directly to a C# SpacetimeDB module compiled to WebAssembly via NativeAOT-LLVM

Unity 6 / WebGPU / SpacetimeDB / .NET 10 / Aspire / Blazor / Kubernetes / Flux / GitHub Actions / Hetzner / Claude Code / Codex / MCP / LLM APIs

REMO

May 2021 - Oct 2026

Tietoevry for Vienna Insurance Group

Tech Lead / Senior Software Engineer / Software Architect

Cloud-based reinsurance platform covering contract management, data distribution, reporting, and accounting-driven process automation.

- Led architecture and delivery of module extensions replacing manual and SAP-limited processes: new microservices, accounting principles, auditing, workflow automation and third-party integrations
- Redesigned the cloud-native infrastructure to manage costs efficiently across Azure and on-prem deployments
- Led the team's DevOps adoption and built a custom MCP server connecting AI agents to CI/CD for AI-driven code reviews

.NET Core / PostgreSQL / Azure / React / TypeScript / RabbitMQ / Azure Service Bus / Hangfire / Docker / Nginx / MCP / Cypress

OPTIGUARD

Oct 2024 - Oct 2026

Tietoevry

Software Architect / Team Lead / Scrum Master

AI-powered alert management and task delegation product: a lightweight mobile app paired with a versatile server proxy, built for real-time operations and team coordination.

- Defined architecture for a resilient mobile-plus-cloud solution with real-time data handling
- Owned key technology choices across .NET MAUI, Azure services, SignalR, and AI-enabled tooling
- Led team execution and agile delivery as both technical and delivery lead

.NET Core / .NET MAUI / Blazor / Azure / PostgreSQL / Azure DevOps / Microsoft Foundry (AI Agents) / GitHub / iOS / Android / Windows / macOS

NETWORK MANAGEMENT AUTOMATION

Aug 2019 - May 2021

Tietoevry

Software Developer / Test Engineer

GIS-based engineering system for documenting energy grids, calculations, reporting, and operational data exchange.

- Implemented map functionality, supporting services, and performance-sensitive grid calculations
- Worked on geometry and topology validation for technically demanding data processing
- Contributed to automation, functional, and performance testing

ArcGIS / JavaScript / jQuery / C# / .NET Framework / .NET Core / MS SQL Server / Entity Framework / PowerShell / PL/SQL

CAREER SNAPSHOT

WORK EXPERIENCE

2026 - Present	**HATSHOT STUDIO**	Founding Engineer / Tech Lead
2023 - 2026	**TIETOEVRY**	Senior Software Engineer
2020 - 2023	**TIETOEVRY**	Software Developer
2019 - 2021	**TIETOEVRY**	Test Engineer

TOOLING & METHODS

DEVELOPER TOOLING

JetBrains IDEs · Claude Code · GitHub Copilot · Cursor · Codex IDE · AI-Augmented Development · Multi-Agent Orchestration · Azure DevOps · Azure DevOps Pipelines · Git · Docker · Bash · PowerShell · Cypress

METHODS & LEADERSHIP

Architecture Decision Making · Technical Architecture · System Design · Performance Tuning · Kanban · Scrum

CORE STACK

.NET Core · .NET MAUI · Blazor · Azure · PostgreSQL · MS SQL · MongoDB · Entity Framework · TypeScript · React · Docker · RabbitMQ · Microservices · System Design · Unity · SpacetimeDB · GitHub · Hetzner · Kubernetes · Claude Code · Codex · MCP · LLM APIs

STRENGTHS

> leadership
Engineering leadership with hands-on delivery

> ai_delivery
AI-augmented delivery: engineers and coding agents shipping together behind automated gates

> ownership
Architecture, integration, and product ownership

LANGUAGES

> czech
Native proficiency

> english
Full working proficiency

> slovak
Full working proficiency

> french
Limited working proficiency

> polish
Limited working proficiency

EDUCATION

> 2018_2021

VŠB – Technical University of Ostrava

Bachelor's degree, Faculty of Electrical Engineering and Computer Science

> 2017_2018

Gymnázium Josefa Božka

Final exams in Czech, English, mathematics, and computer science