DOMINIKA BOBIK

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PROFESSIONAL EXPERIENCE

Microsoft Redmond, WA | Vancouver, BC

Software Engineer II, Technical Lead Aug 2025 - Present

- Leading a **5-engineer** Azure Serial Console team, setting technical direction, defining service priorities, and assigning work across feature delivery and reliability.
- Leading the expansion of Azure Serial Console into new Azure regions, aligning infrastructure readiness and rollout plans with Azure's broader growth.
- Led a migration to a publish/subscribe architecture that reduced average service connection time by **~83%, from 12 to 2 seconds.**
- Partnered with Microsoft Digital to enable AI-driven VM troubleshooting through Azure Serial Console. The team's solution reduced average mitigation time for common connectivity tickets from **16 hours to 15 minutes**, saving **1,200+** employee wait-hours per month. **View blog post**
- Resolved a distributed API race condition linked to **5 separate customer-impacting incidents** across multiple Azure regions, improving datastore failure handling and the customer experience.

Software Engineer May 2023 - Aug 2025

- Modernized WebSocket authentication across Azure Serial Console, closing a significant security gap.
- Shortened the application test cycle by **30 minutes**, accelerating developer feedback and iteration.
- Initiated Azure Serial Console's **UI/UX redesign** and led cross-team collaboration to define and deliver improvements.
- Hardened regional secret-management infrastructure and resolved configuration issues that had blocked service deployments for four months.

Microsoft Redmond, WA

Software Engineer Intern, Windows HTTP/DNS May 2022 - Aug 2022

- Implemented a C/C++ DNS-over-HTTPS proxy for Windows, including asynchronous queries and DNS traffic routing to support encrypted name resolution.

Open Systems International

Software Engineer Intern May 2021 - Aug 2021

- Built cross-platform features for the Compass power-outage management system using C#, Xamarin, and Mapbox, including interactive maps for electric-utility customers.

TECHNICAL SKILLS

Languages & frameworks: Go, C, C++, Rust, Python, TypeScript, React, C#, Java

Cloud & delivery: Azure, Kubernetes / AKS, Docker, Bicep, CI/CD, Azure DevOps

EDUCATION

Michigan Technological University Apr 2023

B.S. in Computer Engineering | Women's Tennis student-athlete | GPA: 3.98

TALKS, AWARDS & CERTIFICATIONS

Speaker, "Demystifying JWTs" | SFSCON Nov 2024

South Tyrol Free Software Conference; JWT security and WebSocket authentication. **View talk**

Honorable Mention, Microsoft Global Hackathon Executive Challenge (2023)

Microsoft Certified: Azure Fundamentals (2024)