Julie Richings

Senior Software Development Engineer

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EXPERIENCE

MICROSOFT

August 2015 – Present

Senior SDE and Technical Lead – Financial Customer Experience Team 2025 – Present

- Owning billing infrastructure for Microsoft's largest commercial customers
- Led live service migration of a customer-facing financial platform with a team of 5, delivered in half the estimated time
- Leading a team driving automation of security processes across 18 services
- Building full-stack Azure UX for enterprise PO management

Senior SDE – Invoicing 2021 – 2025

- Led migration to an Azure-native event-driven platform (EventHub, Service Bus), a cornerstone of Microsoft's "trillion dollar platform" initiative; rolled out across regions with zero disruption and an emergency rollback path
- Invented "step-select" deployment pattern – presented at CVP-level XLT, adopted across multiple teams
- Owned sovereign cloud migrations and region agnostic deployment pipelines
- Decreased build times by 30–50%, reduced SQL storage by 20%; led zero-downtime Azure SQL migration
- Developed AI-assisted workflows using SWE agents and led knowledge sharing as AI was rolled out across teams and the organization
- Security (SFI) champion

SDE II – Subscription Billing 2018 – 2021

- Developed automatic subscription billing platform
- Recognized observability SME across Commerce Financial Services
- Led v-team of 4 engineers on monitoring migration
- Built workload-based auto-scaling reducing Azure costs

SDE – Groove Music, Movies & TV 2015 – 2018

- Developed default media apps on Windows 10, shipped across PC, Phone, Xbox, HoloLens

LEADERSHIP

- Led org-wide office hours and mentoring programs; received CVP recognition
- Leader in knowledge sharing: Invoicing Insights design forum, FinBITS Tech Learning Series, and AI adoption across teams

INTERNSHIPS

Rockwell Collins 2014 | **Northrop Grumman** 2013

EDUCATION

University of Iowa 2015

BSE Computer Engineering | 3.96 GPA | Magna Cum Laude

Minors: Computer Science, Mathematics, Economics

TECHNICAL SKILLS

Languages: C#, C++, PowerShell, JavaScript, SQL **Platforms:** Azure, .NET **Tools:** Git, Azure DevOps, CI/CD, OpenTelemetry

Domains: Sovereign cloud, observability, billing systems, autonomous AI agents