

Ever Barillas

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Skills

Languages: C#, JavaScript, Java, Scala, NoSQL, KQL.

Frameworks & Libraries: React, jQuery, ASP.NET Core.

DevOps & Tools: Azure Services, Azure DevOps, GitHub, Grafana, CI/CD pipelines.

Experience

Microsoft

Houston, Texas

Software Engineer

November 2021 - September 2025

- Built the Markup capability in Azure Cost Management, letting partners apply rule-based price uplifts to downstream customer bills; the feature clarified charge provenance and cut billing-discrepancy tickets by 41%, boosting trust in cost reports.
- Engineered a high-throughput Spark + Azure Synapse pipeline that enriches billions of financial records daily, cutting end-to-end processing latency by 52% and shrinking cost-anomaly alert time from hours to minutes, giving finance teams near-real-time insight.
- Spearheaded the development of “Tag Inheritance,” an Azure Cost Management feature that auto-cascades billing, resource-group, and subscription tags to every child resource, eliminating manual tag maintenance, slashing allocation errors by 90%, and raising cost-report accuracy.
- Designed and delivered end-to-end Tag Inheritance solutions, including REST APIs, React front-end integration, and CI/CD automation. Ensured secure, high-quality deployments in close collaboration with partner teams.
- Implemented a continuous synthetic-testing framework for Microsoft Email Orchestrator that simulates key mail flows end-to-end, spotting rendering and delivery regressions within minutes, drastically cutting customer-reported incidents, and preventing millions of faulty emails from being sent to users.

TransCore

Harrisburg, Pennsylvania

Software Engineer

July 2019 - July 2021

- Modernized Pennsylvania Turnpike’s web tolling services, leading front-end development and collaborating on back-end enhancements. Increased site performance by 60% (3.5 s → 1.4 s, New Relic) and improved cross-device user experience through optimized code and responsive design.
- Led the overhaul of online payment capabilities and transaction processing, architecting a robust system to handle high-traffic demands. Reduced processing errors and significantly boosted reliability by implementing streamlined workflows and resilient back-end solutions.
- Developed and standardized mobile-responsive email templates and a data visualization tool for consistent rendering across devices and platforms. Cut development time for marketing and communication campaigns by establishing a reusable framework and best practices.
- Architected and delivered a real-time revenue analytics platform that processed tolling transactions, giving executives instant visibility into revenue trends and growth opportunities. Reduced financial reporting cycles from weeks to hours and improved forecasting accuracy.

Education

Pennsylvania State University

Harrisburg, Pennsylvania

Bachelor of Science in Computer Science

August 2016 – May 2019