

Caitlyn "Caitee" Smith

Software Engineer | C#, Azure, Microservices

LinkedIn: [linkedin.com/in/caiteesmith](https://www.linkedin.com/in/caiteesmith)

Portfolio: caiteesmith.com

GitHub: github.com/caiteesmith

Location: Vernon, New Jersey 07462

SUMMARY

Software Engineer building cloud-native microservices and API-driven internal systems in regulated financial environments. Experienced in Azure Functions, SQL Server, CI/CD automation, and production observability. Own features end-to-end from API design through deployment and monitoring.

EXPERIENCE

- **Software Engineer** Morristown, NJ | Hybrid
June 2024 – Present
Valley Bank
 - Delivered 8+ C#/.NET 8 Azure Function microservices powering internal product workflows and notification services, exposing secure HTTP APIs for CRUD operations and health monitoring.
 - Developed a HotList customer search Azure Function microservice supporting multi-criteria queries across regulated financial datasets using SQL Server, repository patterns, and layered validation.
 - Led cross-team effort to standardize Azure DevOps repositories and implement CI/CD pipelines for Kubernetes-based deployment of AI chatbot services.
 - Built CI/CD pipelines using Terraform & Azure DevOps to standardize multi-environment deployments.
 - Improved API reliability through structured logging, response envelopes, and 80%+ unit test coverage.
 - Automated Python-based data transformation workflows to ingest and synchronize data into Cosmos DB.
 - Promoted from Software Development Intern and retained through multiple organizational restructurings.

- **Software Engineer** Newton, NJ | Hybrid
July 2023 – May 2024
Thorlabs, Inc.
 - Led redesign of a cross-platform optical calculator app (iOS/Android), modernizing UI and adding new optical computation features.
 - Managed iOS and Android releases via App Store and Google Play Console, ensuring stable deployments.
 - Translated complex optical engineering formulas into efficient, user-friendly mobile interfaces.
 - Built reusable web components used across product marketing pages and engineering documentation.

- **Senior Web Developer** Castleton-on-Hudson, NY | Remote
May 2013 – March 2023
HIPB2B
 - Led design and development of scalable marketing websites and campaign landing pages supporting hundreds of B2B client initiatives.
 - Designed reusable HTML/CSS templates and PHP-driven components to improve development speed and maintainability.

SKILLS

- **Languages:** C#, .NET 8, Python, SQL, TypeScript, Vue.js, Swift, HTML/CSS
- **Cloud/DevOps:** Microsoft Azure (Functions, Cosmos DB, DevOps), CI/CD, Docker, Kubernetes, Terraform
- **Development:** Clean Architecture, Microservices, REST APIs, OpenAPI, Agile/Scrum
- **Testing/QA:** Unit Testing, NUnit, Moq, Logging, Debugging, Postman, Bruno, Snyk
- **Collaboration & Documentation:** Azure DevOps, Git, Confluence, Lucidchart

EDUCATION

- **Western Governors University** Millcreek, UT
Bachelor of Science, Computer Science

- **Hudson Valley Community College** Troy, NY
Associate of Applied Science, Computer Information Systems