

# Caitlyn "Caitee" Smith

Software Engineer | C#, Azure, Microservices

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

Portfolio: [caiteesmith.com](https://caiteesmith.com)

GitHub: [github.com/caiteesmith](https://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  
*Valley Bank* June 2024 – Present
  - 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  
*Thorlabs, Inc.* July 2023 – May 2024
  - 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  
*HIPB2B* May 2013 – March 2023
  - 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*