

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
Valley Bank June 2024 – Present
 - Delivered 8+ C#/.NET 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 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 through App Store and Google Play Console, ensuring stable and compliant 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 & Frameworks:** .NET, C#, HTML/CSS, Python, SQL, Swift, TypeScript, Vue.js
- **Cloud & DevOps:** Azure (DevOps, Functions, Cosmos DB), CI/CD, Docker, Kubernetes, Terraform
- **Development:** Agile/Scrum, Clean Architecture, Microservices, REST APIs, Swagger/OpenAPI
- **Testing & Monitoring:** Bruno, Debugging, Kudu, Logging, Moq, NUnit, Postman, Snyk, Unit Testing

EDUCATION

- **Western Governors University** Millcreek, UT
Bachelor of Science, Computer Science
- **Hudson Valley Community College** Troy, NY
Associate of Applied Science, Computer Information Systems