Caitlyn "Caitee" Smith

Software Engineer | C#, Azure, Microservices, Vue.js
LinkedIn: linkedin.com/in/caiteesmith

Portfolio: caiteesmith.com
GitHub: github.com/caiteesmith
Location: Vernon, New Jersey 07462

SUMMARY

Software Engineer specializing in back-end development with experience building cloud-native, serverless APIs using C# and .NET. Proven ownership of internal platforms, CI/CD pipelines, and production observability.

EXPERIENCE

Software Engineer — Morristown, NJ | Hybrid
Valley Bank — *June 2024 – Present*

- Delivered 8+ C#/.NET microservices using Azure Functions to power an internal product and notification platform, exposing HTTP APIs for CRUD operations and system status.
- Developed the HotList system layer API, validating multi-field customer search inputs and querying SQL Server customer data via Azure Functions to return structured match results.
- Enhanced a Vue.js dashboard consuming those APIs to render real-time product notification status.
- Built CI/CD pipelines using Terraform, Azure DevOps to standardize deployments across environments.
- Built Python workflows to automate data transformation and synchronization into Cosmos DB.
- Containerized an AI chatbot using Docker to standardize runtime, dependencies, and deployment.
- Owned change request implementation and deployment in a regulated financial environment.
- Improved production reliability through logging, response envelopes, and 80%+ unit test coverage.
- Promoted from Software Development Intern and retained through organizational restructuring.

Software Engineer — Newton, NJ | Hybrid
Thorlabs, Inc. — *July 2023 – May 2024*

- Led the redesign of a cross-platform optical calculator app (iOS/Android), improving usability while delivering new computational tools.
- Managed releases through App Store/Google Play Console, ensuring stable and compliant deployments.
- Translated complex optical engineering formulas into efficient, user-friendly mobile interfaces.
- Built and maintained web components supporting product marketing and internal engineering initiatives.

Senior Web Developer — Castleton-on-Hudson, NY | Remote
HIPB2B — *May 2013 – March 2023*

- Led design and development of long-term web initiatives supporting hundreds of B2B campaigns.
- Designed and built 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, Service Bus), CI/CD, Docker, IaC, 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

Projects

- **Photo Ops Suite** — Python, Streamlit
  Personal Project — *GitHub | Live Demo*
  - ○ Built an end-to-end wedding photography toolkit with a timeline builder, sunset calculator, and cost-of-doing-business estimator.
  - ○ Implemented a multi-page Streamlit app with real-time calculations, state management, and custom UI components.

- **Financial Breakdown Dashboard** — Python, Streamlit, Supabase
  Personal Project — *GitHub | Live Demo*
  - ○ Built a personal finance dashboard supporting budgeting and mortgage payoff modeling.
  - ○ Integrated Supabase authentication and Postgres storage.
  - ○ Designed interactive Plotly charts for financial insights.

- **ApplicationTracker** — Python, Streamlit, Supabase
  Personal Project — *GitHub | Live Demo*
  - ○ Created a job application tracking tool with Sankey flow diagrams and analytics dashboards.
  - ○ Built a full CRUD workflow with Supabase, enabling storage, tagging, and user-specific job logs.