

Sabin Shrestha

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Professional Summary

Senior Software Engineer with 10+ years of experience building scalable solutions across the Microsoft .NET and Azure ecosystem. I design modern cloud architectures, modernize legacy systems, and improve CI/CD pipelines across Azure environments. I take ownership of technical initiatives, mentor developers, and deliver reliable software that solves real business problems.

Technical Skills

- Programming & Web Technologies: C#, Python, .NET Core, ASP.NET Core, MVC, Entity Framework Core, LINQ, TypeScript, Angular, JavaScript, Razor Pages, SignalR, HTML, CSS, Telerik UI, VB.NET, Java, PowerShell
- Cloud Platforms: Microsoft Azure (App Services, Functions, API Management, Key Vault, CosmosDB), Azure DevOps (CI/CD, YAML, Boards, Repos), Docker
- Software Engineering Fundamentals: Object-oriented design, design patterns, multithreading, performance optimization, debugging, modular architecture
- Architecture: Microservices, Event-driven systems, Domain-driven design, API-first solutions
- AI Tools: GitHub Copilot, Cursor, ChatGPT, Claude, Perplexity
- AI and Automation: Azure AI/OpenAI, embeddings & vector search, Cognitive Search, Document Intelligence, Workflow automation
- Monitoring: Application Insights, AppDynamics, SonarQube
- Databases: CosmosDB, SQL Server, Oracle, MySQL
- Enterprise applications (ERP): Microsoft Dynamics (AX / 365), SiteTracker (Salesforce-based)
- Reporting: Power BI, SSRS, Crystal Reports, Oracle Business Intelligence Enterprise Edition (OBIEE)

Professional Experience

Senior .NET / Azure Software Developer | Vertical Bridge, Delray Beach, FL *Sep 2018 – Present*

- Designed and delivered Vertical Insite (VI), a cloud-native platform built with .NET Core 9, Angular 18, Azure CosmosDB, and Azure API Management. Integrated SiteTracker and NetSuite systems for financial and operational workflows.
- Modernized the OnlineColo public-facing site by migrating from a legacy SQL Server system to a scalable Service-Oriented Architecture (SOA), reducing maintenance overhead.
- Built Continuous Integration/Continuous Deployment (CI/CD) pipelines using Azure DevOps YAML templates, reducing deployment time and errors.
- Implemented Azure Functions and API Management to streamline integrations.
- Monitored and optimized performance, security, and reliability using Application Insights and log analytics.
- Mentored developers and established best practices in software design, cloud architecture, and DevSecOps standards.

- Leveraged AI coding assistants to improve developer productivity and code quality.
- Collaborated with architects and business teams to align technical solutions with enterprise goals and cloud strategies.

Environments: C#, .NET Core, Angular, TypeScript, SQL Server, CosmosDB, Microsoft Azure (App Services, Functions, Storage, Azure SQL, Key Vault, Application Insights, Entra), Azure DevOps (CI/CD Pipelines, Boards, Repos), NetSuite, SiteTracker, Databricks, Git/GitHub, Visual Studio / VS Code, PowerShell, Postman, AI Tools (Cursor, Claude, Perplexity, GitHub Copilot)

Application Developer III (Technical Lead) | Envision Physician Services, Plantation, FL *May 2016 – Jun 2018*

- Led development of enterprise integrations using Azure Functions and REST APIs.
- Standardized reusable service components to support enterprise billing systems.
- Owned code quality standards and release deployments across environments.
- Led production support using AppDynamics to monitor performance and resolve issues.

Senior / Lead .NET Developer | Florida Department of Economic Opportunity, Tallahassee, FL *Apr 2014 – Apr 2016*

- Designed and delivered large-scale reporting and integration systems supporting financial and government programs.
- Modernized legacy applications to improve performance, stability, and maintainability.
- Collaborated with business and technical stakeholders to ensure reliable data processing and system scalability.

Earlier Experience

Senior Software Developer | One Call Care Management, Jacksonville, FL

Senior Programmer | Fannie Mae, Dallas, TX

Programmer Analyst | Information Advisory Group, Houston, TX

Delivered healthcare, financial, and enterprise software solutions with emphasis on reliability, usability, and system integration.

Education

M.S. in Information Systems – Texas A&M International University (GPA 4.0)

B.S. in Computer Engineering – Tribhuvan University, Kathmandu, Nepal

Certifications

Azure AI Fundamentals

Microsoft Certified Solution Developer (MCSD) for Microsoft .NET

OpenSpan Certified Developer