

# Bashanta Sharma

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## Professional Summary

Senior Full-Stack .NET Developer with 6+ years of experience in designing and building enterprise-scale web applications, RESTful APIs, and backend services using C#, ASP.NET Core, MVC, Web API, Entity Framework, SQL, Angular and modern cloud technologies. Proven track record in modernizing legacy systems, optimizing database performance (Oracle, SQL Server), and integrating distributed systems via Kafka and SQS. Adept in Agile/Scrum, TDD, and DevOps practices with CI/CD pipelines using Azure DevOps, TeamCity and Octopus Deploy. Strong communicator and mentor with a passion for clean, scalable, and maintainable code. Experienced in leading end-to-end development cycles, from gathering business requirements and designing system architecture to translating needs into detailed technical specifications and guiding development execution.

## Technical Skills

- **Programming & Backend:** C#, Visual Basic, .NET (Framework 4.x, Core, 6, 8), Python, Java
- **Web & Frontend:** JavaScript, jQuery, Angular, Bootstrap, Telerik Kendo UI, Blazor
- **Data Access & ORM:** Entity Framework, Dapper, ADO.NET
- **Version Control & Tools:** Git, TFS, SVN
- **Databases:** MS SQL Server, Oracle SQL, Cassandra (NoSQL), AS400, Mainframe DB2
- **DevOps & CI/CD:** TeamCity, Octopus Deploy, Azure DevOps
- **Messaging & Integration:** Kafka, Amazon SQS
- **Cloud:** Azure App Services, Kubernetes, Docker, AWS Lambda, S3 Bucket
- **Testing & QA:** Postman, xUnit, NUnit, MSTest
- **Logging:** Kibana, Serilog, New Relic

## Professional Experience

APRIL 2022 - PRESENT

**Senior Software Developer | Communication Test Design Inc | Flower Mound, Texas**

- Led full-stack development for Charter's mobile business launch, delivering backend microservices in .NET 6/8 and an Angular-based web portal for warehouse operations.
- Built systems to receive orders from Charter, enqueue them using Amazon SQS, prioritize and route them to shipping queues, and execute shipments via FedEx and USPS, followed by real-time shipment updates back to Charter.
- Developed and maintained RESTful APIs in .NET 6 and .NET 8 for order ingestion, fulfillment coordination, and system integration.

- Applied AWS cloud capabilities for asynchronous order processing using Lambda and SQS.
- Automated end-to-end order handling, including internal routing, shipping station coordination, and robotic fulfillment via third-party automation teams.
- Built a responsive Angular-based web portal for warehouse operations, integrating real-time data from .NET APIs to support device processing, shipment tracking, and inventory updates.
- Utilized Oracle SQL for data modeling, complex query building, and performance optimization in high-volume environments.
- Reduced reporting setup time from hours to minutes by making the reporting database configurable.
- Accelerated reporting setup from hours to minutes by enhancing the reporting framework with multitasking capabilities and enabling seamless report generation across multiple databases through flexible database configuration.
- Collaborated in Agile teams to deliver sprint-ready features, translate requirements into technical deliverables, and support successful production releases.
- Conducted thorough code reviews to enforce coding standards and improve overall software quality.

MAY 2019 – APRIL 2022

**Software Engineer II | Foot Locker | Camp Hill, PA**

- Modernized legacy Windows Forms applications by rebuilding them as scalable, web-based solutions using .NET Core, MVC, JavaScript, and Kendo UI, improving system maintainability and user experience.
- Designed and developed secure RESTful APIs using .NET Core Web API with claims-based and token-based authentication, enabling efficient and secure cross-platform data exchange.
- Implemented robust business and data access layers following MVC architecture and separation of concerns principles to ensure maintainability and scalability.
- Led front-end development using HTML5, CSS3, Bootstrap, and Telerik UI, enhancing usability and responsiveness for internal web applications.
- Optimized complex SQL Server queries and stored procedures, leveraging linked servers to exchange data with AS400 and Mainframe systems, improving performance and enabling seamless integration with legacy platforms.
- Designed and implemented token-based authentication mechanisms, developing APIs that ensured secure access and seamless integration across platforms.
- Participated in software release processes leveraging an internal deployment framework integrated with Azure DevOps, facilitating reliable file transfers across environments and ensuring consistent production deliveries.
- Integrated Apache Kafka for distributed messaging and Cassandra for real-time data storage, ensuring reliable communication across microservices.
- Utilized Docker containers orchestrated by Kubernetes for cloud-based service deployments on Azure Kubernetes Service (AKS).
- Deployed RESTful APIs for internal inventory and order management systems using Azure App Services.
- Implemented CI/CD pipelines using Azure DevOps and managed secrets with Azure Key Vault.
- Collaborated in Agile teams, participating in sprint planning, daily standup, retrospectives, and feature grooming to deliver high-quality product increments on schedule.

JANUARY 2019 – MAY 2019

**.Net Developer | IMCS Group | Irving, TX**

- Developed secure RESTful APIs in ASP.NET MVC 5 and consumed them across platforms.
- Utilized EF (Database First) for ORM with SQL Server and complex LINQ queries.
- Used Postman for endpoint testing and validation during development cycles.
- Participated in Agile processes and managed tasks with JIRA.

JANUARY 2018 – DECEMBER 2018

**Graduate Teaching and Research Assistant | Lamar University | Beaumont, TX**

- Conducted research on IoT and cognitive radio networks, summarizing papers and developing MATLAB simulations.
- Provided tutoring support in computer science courses and assisted with lab setup and cybersecurity awareness events.

## Education

AUGUST 2017 – MAY 2019

**Master of Science: Computer Science | Lamar University | Beaumont, TX | 3.91 GPA**

## Certifications

- Microsoft Certified: Azure Fundamentals (AZ-900)