# KRITIKA MAHARJAN

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## PROFESSIONAL SUMMARY

Software Engineer with 5+ years of experience building scalable backend systems and data-driven applications using C#, VB.NET, and SQL Server. Proven track record in healthcare technology, processing HIPAA-compliant EDI transactions and developing mission-critical workflows. Strong expertise in API development, database optimization, and legacy system modernization. Passionate about clean code, mentorship, and delivering high-quality solutions in collaborative, fast-paced environments.

## TECHNICAL SKILLS

**Languages:** C#, VB.NET, T-SQL, JavaScript, HTML5, CSS
**Frameworks & Libraries:** .NET Framework, ASP.NET MVC, ASP.NET Web API, Entity Framework
**Data Access & Databases:** ADO.NET, Dapper, MS SQL Server, Stored Procedures, Views, Functions
**Tools & Technologies:** REST APIs, JSON, XML, Crystal Reports, Visual Studio, GitHub, Bitbucket, CI/CD
**Methodologies:** Agile, Unit Testing, Code Reviews, HIPAA Compliance

## PROFESSIONAL EXPERIENCE

**Software Engineer**                                                     **August 2021 – February 2025**
*Cedar Gate Technologies (U.S.-based), Nepal*

- Designed and maintained SQL Server database objects including stored procedures, functions, and views, optimizing query performance and ensuring data integrity for healthcare processing systems
- Developed and enhanced backend modules using C# and VB.NET, supporting mission-critical workflows that processed thousands of healthcare claims
- Built and maintained HIPAA-compliant EDI transaction processing systems (837, 835, 277) for claims intake, adjudication, and reporting, integrating with third-party payment systems via REST APIs
- Refactored legacy VB.NET codebase to modern C# standards, improving code maintainability and reducing technical debt while maintaining backward compatibility
- Developed responsive web interfaces using HTML5, CSS, and JavaScript, enhancing user experience and achieving cross-browser compatibility across Chrome, Firefox, and Edge
- Implemented efficient data access patterns using ADO.NET, reducing database query execution time through optimized connection handling and parameterized queries
- Mentored 3 junior developers on clean code principles, design patterns, and .NET best practices, accelerating their onboarding and improving team code quality standards
- Conducted thorough code reviews and unit testing, identifying and resolving critical bugs before production deployment, contributing on-time delivery rate
- Collaborated with cross-functional teams including operations, business analysts, and QA to translate complex healthcare requirements into scalable technical solutions
- Gained hands-on experience with Blazor framework, developing interactive web components and modern SPAs with seamless client-server communication

**Software Developer**                                                     **August 2020 – July 2021**
*IMS Software, Kathmandu, Nepal*

- Developed and maintained RESTful APIs using .NET and C# for business-critical applications
- Designed and optimized MS SQL Server databases, creating efficient queries and views that improved data retrieval performance
- Utilized Dapper ORM for lightweight data access in .NET applications, achieving faster query execution compared to Entity Framework for high-volume operations
- Refactored and debugged legacy .NET/C# codebase, resolving production issues and improving application stability and reliability
- Collaborated with business stakeholders to gather requirements and translate them into well-architected, scalable technical solutions
- Implemented coding standards and best practices including SOLID principles, improving code maintainability and reducing bug count

**Junior Developer** <span style="float:right">**May 2019 – November 2019**</span>

*NBIT, Lalitpur, Nepal*

- Developed ASP.NET MVC applications using C#, delivering scalable web solutions with clean architecture and separation of concerns
- Implemented data access layer using Entity Framework with MS SQL Server, creating efficient queries and stored procedures for optimal performance
- Built RESTful APIs with ASP.NET Web API to enable seamless integration between frontend applications and backend services
- Created dynamic, responsive frontend features using Angular JS and JavaScript, enhancing user experience and application interactivity
- Collaborated with cross-functional teams to optimize application performance and deliver high-quality software solutions on schedule

## EDUCATION

**Bachelor of Computer Engineering** <span style="float:right">**Graduation: 2018**</span>

*Nepal Engineering College*