

Lokesh Rawat

Technical Lead / Senior .NET Developer - Legacy Modernization & SQL Server

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PROFESSIONAL SUMMARY

Senior .NET Developer / Technical Lead with 13+ years of hands-on experience in ASP.NET, ASP.NET MVC, C#, Web API, SQL Server, ADO.NET, IIS, SSRS, Windows Services, and enterprise/government application support. Strong experience in financial workflow systems, procurement platforms, subsidy/payment processing, MIS dashboards, SQL performance tuning, secure integrations, and production issue resolution. Practical exposure to PFMS/DBT, NPCI, NACH, CFPP/CFSP, XML/FTP processing, and Government Security Audit compliance. Currently upskilling in modern .NET 8 / ASP.NET Core Web API, dependency injection, EF Core basics, JWT, Swagger, appsettings.json, and clean layered architecture to support legacy-to-modern .NET migration projects.

CORE TECHNICAL COMPETENCIES

Professional .NET Experience	C#, ASP.NET Web Forms, ASP.NET MVC, Web API, Razor Views, ADO.NET, jQuery, AJAX, working exposure to VB.NET
Current Modern .NET Upskilling	.NET 8 / ASP.NET Core Web API, Program.cs, Dependency Injection, Middleware, appsettings.json, Swagger, JWT, EF Core basics
Architecture & Modernization	N-Tier architecture, MVC, REST APIs, module-wise modernization approach, legacy code understanding, Controller-Service-Repository pattern concepts
Database & Performance	SQL Server 2008-2022, stored procedures, views, indexing, query tuning, execution plan review, custom paging, dashboard optimization
Government Integrations	PFMS/DBT, CFPP, CFSP, NPCI, NACH, XML generation/parsing, FTP automation, API data submission, reconciliation support
Services / Reporting / Deployment	Windows Services, scheduled background jobs, IIS deployment/configuration, SSRS, MIS dashboards, PDF/Excel reporting
Security & Production Support	Role-based access control, secure API design, payment validation, logs/error handling, Government Security Audit compliance

PROFESSIONAL EXPERIENCE

Solution Architect / Senior Developer | Nippon Data Systems Ltd.

July 2023 - April 2026

Projects: eKharid - Haryana State Agricultural Marketing Board; Bhavantar Bharpai Yojana (BBY)

- Worked on state-level procurement, subsidy, farmer payment, and financial monitoring systems used for Haryana government workflows.
- Developed scheduled Windows Services for automated daily/monthly submission of Haryana State procurement and storage data to CFPP/CFSP central government APIs, including data extraction, validation, payload preparation, API submission, response logging, error handling, and reconciliation support.
- Implemented PFMS/DBT payment workflow support, including XML generation, FTP synchronization, financial validation, payment status tracking, and reconciliation.
- Integrated NACH payment workflows and validation logic for farmer payment processing under government schemes.
- Developed ASP.NET MVC/Web API modules and AJAX-based data flows for dashboards, reporting, exports, and operational workflows.
- Improved dashboard response time from 15 seconds to 3 seconds using optimized SQL logic, scheduled synchronization tables, indexing, and query tuning.
- Built Excel/PDF export modules, MIS dashboards, custom paging, and high-volume reporting features.
- Managed IIS deployment, production issue resolution, application enhancements, SQL performance tuning, and stakeholder coordination independently.

Environment: ASP.NET, ASP.NET MVC/Web API, C#, SQL Server, ADO.NET, AJAX, Windows Services, IIS, SSRS, XML/FTP, PFMS, NACH, CFPP, CFSP

Senior Software Engineer / Module Architect | SBL Knowledge Pvt. Ltd.

September 2020 - July 2023

Project: eNigam - Municipal Corporation Shimla

- Developed and maintained municipal ERP modules using ASP.NET MVC, Razor Views, C#, SQL Server, REST API-based flows, and IIS deployment.
- Implemented council meeting, departmental workflow, property tax, water charges, grievance management, reporting, dashboard, and PDF generation modules.
- Implemented secure role-based authentication/authorization and contributed to successful Government Security Audit clearance.
- Optimized SQL procedures, dynamic data loading, dashboards, and custom paging for better performance and usability.
- Handled production support, enhancements, issue resolution, deployment coordination, and system stability for live government users.

Environment: ASP.NET MVC, Razor Views, C#, SQL Server, REST APIs, IIS, Reporting/PDF modules

Senior Software Engineer | WeExcel India Pvt. Ltd.

March 2015 - September 2020

Projects: UHBVN/DHBVN New Connection & Solar Connection Portal, MIS, Mandiboard, HSAMB Mandi Management

- Developed dynamic ASP.NET/AJAX-based electricity connection portals, approval workflows, MIS modules, and reporting dashboards.
- Integrated NPCI payment gateway, bank transaction confirmation APIs, Haryana Saral Portal synchronization, and secure payment response validation.
- Developed Windows Services for scheduled processing, data synchronization, and background automation.
- Imported and standardized billing data from SQL BAK and CSV files; designed stored procedures and optimized reporting queries.
- Developed SSRS reports, PDF challan generation, subdivision-wise monitoring, and large-scale utility/mandi management modules.
- Contributed to Government Security Audit clearance and supported production deployments and issue troubleshooting.

Environment: ASP.NET, ASP.NET MVC, Web API, C#, VB.NET exposure, SQL Server, SSRS, AJAX, IIS, Web Services

.NET Developer | Paradise Tech Soft Solution

January 2012 - February 2015

Projects: KBHRM - Human Resource Management System; Energy Meter Reading - SJVN

- Developed HRMS modules for leave approval, attendance, salary processing, lead tracking, and employee workflows.

- Designed SQL Server tables, stored procedures, validation logic, and reporting features for transactional business modules.
- Developed meter reading capture and analytical reporting features for utility tracking applications.

LEGACY-TO-MODERN .NET POSITIONING

- Strong in legacy ASP.NET/MVC systems, SQL Server stored procedures, web.config, IIS, sessions, ADO.NET, reporting, and production dependencies.
- Currently learning .NET 8 architecture to support migration from classic ASP.NET/MVC applications to modern ASP.NET Core Web API-based systems.
- Able to understand existing business rules, stabilize production issues, expose module-wise Web APIs, validate old vs new outputs, and reduce migration risk.

EDUCATION

Master of Computer Applications (MCA), H.P. University Shimla (2008-2011) | Bachelor of Arts (Mathematics)

SECURITY & COMPLIANCE

- Government Security Audit Cleared - eNigam Shimla
- Government Security Audit Cleared - UHBVN New Connection Portal
- Secure PFMS/DBT, NPCI, NACH, CFPP/CFSP workflow implementations and data submission support