

# Naresh Poudel

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## PROFESSIONAL SUMMARY

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Software Developer with hands-on experience in designing and delivering enterprise-level applications using .NET technologies. Specializing in C#, .NET 8, ASP.NET Core MVC & Web API, and SQL Server, applying these technologies to solve complex business challenges. Successfully developed end-to-end insurance management systems and CMS platforms with modular architecture. Recognized for strong organizational skills, a collaborative nature, and the ability to build lasting relationships with clients, colleagues, and stakeholders. Proficient in Clean Architecture, Design Patterns, and Agile Development.

## PROFESSIONAL EXPERIENCE

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### Fone Insurance, Lalitpur, Nepal — .NET Developer

January 2024 – Present

- Developed enterprise-grade applications using .NET 8, ASP.NET Core MVC & Web API with modular architecture.
- Implemented ASP.NET Core Identity with role-based access control (RBAC), two-factor authentication (2FA), and QR code integration for enhanced security.
- Built dynamic reporting engine using QuestPDF, PDF and Excel generation.
- Designed and optimized T-SQL stored procedures, functions, and complex queries in MS SQL Server and PostgreSQL for high-performance data access.
- Implemented data access layers using LINQ, Entity Framework Core 8, and Dapper; utilized AutoMapper for efficient object-to-object mapping across application layers.
- Created responsive dashboards with Chart.js and Razor Views; implemented Serilog for structured logging.
- Delivered projects through complete Agile phases including requirements gathering, development, testing, and deployment.
- Collaborated with business analysts to translate insurance domain rules into scalable technical solutions.
- Managed source code using Git-based version control systems (GitHub, Bitbucket).

## EDUCATION

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### Kathmandu Bernhardt College, Kathmandu

Bachelor of Science in Computer Science and Information Technology (BSc. CSIT) | November 2018 – July 2023

Completed bachelor's degree with strong academic performance, gaining comprehensive theoretical and practical knowledge in software engineering, data structures, algorithms, database management, and software development methodologies.

## SKILLS

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<b>Programming Languages:</b>	C#, JavaScript, HTML5, CSS3, jQuery
<b>Backend Technologies:</b>	.NET Core, ASP.NET Core MVC, ASP.NET Core Web API, Middleware Development
<b>ORM &amp; Data Access:</b>	Entity Framework Core 8, LINQ, Dapper, ADO.NET, AutoMapper
<b>Database Management:</b>	MS SQL Server (T-SQL, Stored Procedures, Query Optimization), PostgreSQL
<b>Frontend:</b>	Razor Views/Pages, JavaScript, jQuery, Bootstrap, Chart.js, SCSS/Sass, Responsive Web Design
<b>Security:</b>	ASP.NET Core Identity, Role-Based Access Control, 2FA, QRCode, Input Sanitization, Data Encryption
<b>Architecture &amp; Patterns:</b>	Clean Architecture, N-Tier Architecture, Modular Monolith, SOLID Principles, OOP, Unit of Work
<b>Version Control &amp; Tools:</b>	Git, GitHub, Bitbucket, Serilog, Agile

## PROJECTS

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### Enterprise Insurance Management Platform

- Developed end-to-end insurance platform handling proposal, KYC, underwriting, issuance, renewals, rebates, and maturity processing with modular architecture.
- Implemented ASP.NET Core Identity with role-based access control, two-factor authentication, and QR code integration.
- Engineered SQL Server-based calculation engine with stored procedures and functions for premiums, maturity amounts, and rebates per NIA guidelines.
- Built dynamic reporting using QuestPDF, ClosedXML; created responsive dashboards with Chart.js and Razor Views using AutoMapper for DTO mapping.
- Optimized database performance through stored procedures, indexed queries, and query tuning; implemented Serilog for structured logging.
- Collaborated with business analysts to translate insurance domain rules into scalable technical solutions; supported production with testing and continuous enhancements.

### Mobile Wallet CMS Admin Dashboard

- Developed scalable CMS admin dashboard for a mobile wallet application following Clean Architecture principles with ASP.NET Areas for modular feature separation.
- Implemented role-based access control with custom permission initialization; built reusable ViewComponents for consistent UI.
- Developed custom middleware for request logging and user tracking; implemented Generic Repository pattern with Unit of Work for consistent data access.
- Created comprehensive reporting for transactions, user analytics, and financial data with real-time metrics.
- Built CSV/Excel import/export functionality using ClosedXML; implemented input sanitization and encryption for security.
- Managed multiple feature modules including vehicle registration renewal, callback management, product management, and report configuration.
- Integrated multiple external APIs for data fetching and third-party services; created email notification system with customizable templates.

### Customer Care Management System

- Developed customer care application following Clean Architecture with clear separation across Domain, Application, Infrastructure, and Web layers.
- Implemented ASP.NET Core Identity for authentication and authorization.
- Built data access layer using Dapper micro-ORM with stored procedures for optimized performance.
- Applied Repository Pattern, Unit of Work Pattern, AutoMapper, and Dependency Injection throughout the application.