

YUGESH RAJ SHILAKAR

Software Engineer | ASP.NET Core | C# | SQL Server

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Professional Summary

Software Engineer specializing in enterprise web applications, insurance ERP, accounting systems, and REST API integrations. Strong hands-on experience with C#, ASP.NET Core, SQL Server, Dapper, JavaScript, and complex transactional business logic, with responsibility across development, database engineering, deployment, and production support.

Professional Experience

Mid-Level Software Engineer , Foneinsure Pvt. Ltd. (Flsoft Group)	2024 – Present
- Develop and maintain enterprise ERP modules for National Life Insurance and Sanima Reliance Life Insurance, covering core insurance operations and reporting. - Implement business workflows for claims, underwriting, incentive calculations, validations, and automated financial transaction processing. - Build double-entry accounting functionality covering General Ledger, branch-wise vouchers, debit/credit processing, VAT/TDS calculations, and financial reporting. - Design and optimize SQL Server stored procedures, CTEs, window functions, and JSON-based data workflows for high-volume transactional processing. - Integrate REST APIs for eSewa Travels and Tours, supporting airline ticketing, passenger management, sales invoicing, payment mapping, and API error handling. - Manage IIS deployments, application logging, configuration, troubleshooting, and production support across development and live environments.	Kathmandu
Software Developer Intern , Swift Innovations	2023
- Developed dynamic web applications using ASP.NET MVC and Entity Framework Core following clean architectural practices. - Built automated web scrapers and structured data ingestion workflows for SQL and MongoDB databases.	US – Remote
Database Administrator (Associated Role) , Udaaya Samaj	10/2021 – 01/2022
Digitized and reorganized historical records into normalized MySQL database structures for reliable retrieval and maintenance.	Kathmandu

Education

B.Sc. in Computer Science and Information Technology , Tribhuvan University	2019 – 2024
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Technical Skills

Languages & Frameworks

C#, ASP.NET Core, .NET 8, ASP.NET Core MVC, Entity Framework Core

Web & APIs

REST APIs, JavaScript (ES6+), jQuery, AJAX, Razor Views, HTML5, CSS3, DataTables, Tailwind

Domain Expertise

Insurance ERP, Claims, Underwriting, Double-Entry Accounting, General Ledger, VAT/TDS, Vouchers, Financial Reporting

Database & Data

SQL Server, MySQL, MongoDB, Dapper, Stored Procedures, CTEs, Window Functions, Query Optimization, JSON workflows

Engineering & Tools

Git, IIS, Postman, SSMS, Visual Studio, Application Logging, Production Support

Awards & Achievements

Rising Star of the Year, Flsoft Group 2024
21st anniversary Rising Star of the Year Award

Asian Hack 2022, Asian School of Management and Technology 2022
3rd Place, Third Vision: real-time computer vision web platform for object detection.

Projects

ISOLUTION – Enterprise Insurance ERP, ASP.NET Core, Dapper, SQL Server
Core transactional workflows, validations, MIS reporting, claims processing, and agent incentive calculations for insurance operations.

FINOVA – Accounting & Financial Management, C#, ASP.NET Core MVC, SQL Server
General Ledger, voucher and sub-account postings, debit/credit balancing, audit trails, opening/closing balances, VAT/TDS calculations, and financial reports.

eSewa Travels – Travel & Ticketing, ASP.NET Core, REST API, JSON, JavaScript
Flight search, passenger management, payment registration, sales invoice generation, account mapping, and resilient handling of failed third-party API requests.

Side Projects

Project Third Vision

Real-time computer vision web platform for object detection via live video feeds and image uploads.

PayoWork

Freelance marketplace application connecting skilled professionals with remote and local client work opportunities.

Project Aparichit

Citizen reporting portal for anonymous corruption reporting and emergency service access.

Project YAnimee

User friendly interface and various features to enhance the anime streaming experience

Password Management System

Password Manager with Blake2B Argon2 and AES algorithms.

Canteen Ordering System - COS

App for canteens for sending notifications about menus and order-ready.

Languages

- Nepali
- English
- Nepal Bhasa
- Hindi