

Samuel Sherpa



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SUMMARY

.NET Developer with 2 years of experience building scalable web applications using ASP.NET, .NET MVC, and Web API. Proven track record in optimizing system performance and implementing robust security measures for government and private clients.

SKILLS

Core .NET Technologies	C#, .NET Core, ASP.NET MVC, ASP.NET Web API (for RESTful APIs), ASP .NET Core, Entity Framework, LINQ, Blazor
Database	SQL Server, MySQL, Postgres SQL, Stored Procedures, Views, and Functions.
Front-End	HTML, CSS, Bootstrap, JavaScript, jQuery, Ajax, Json, React, Razor Pages
DevOps & Tools	Docker, AWS, PowerShell, Unit Testing, Postman,
Methodologies	Agile, Scrum

WORK EXPERIENCE

Silicon Soft and IT Consultant Pvt. Ltd , Dec 2022 - Present, .Net Developer

- Orchestrated the server migration for government projects, reducing operational costs by 100% and saving 2 Lakhs annually through system optimizations.
- Engineered a high-efficiency console application to convert Base64-encoded files (up to 17GB) into original formats, boosting project performance and reducing manual processing time.
- Elevated system security with a 100% VAPT pass rate by applying critical patches, upgrading libraries (Bootstrap, jQuery, SQL Server), and eliminating SQL injection vulnerabilities.
- Automated SQL Server backups with PowerShell scripts, scheduling regular tasks for improved database backup.
- Delivered 24/7 customer support and implemented features like annual tax renewal, Nepal Sambat date inclusion, and QR code security for government-generated documents.
- Upgraded stored procedures and functions to enable real-time reporting on the homepage, and cutdown 50% slow homepage loading.

Project Work

1. Sifaris

(Silicon Soft and IT Consultant Pvt. Ltd)

This is a recommendation web project made for our local-level government. It is built on the .Net 4.7 framework using C#. SQL Server is used for database.

- Learning to build feature like, search, filter, print view and display, retrieving data from live server on a daily basis has sharpened me as a programmer.
- Learned to write stored procedure for fast execution of report and handing hundreds of tables.
- Technologies: .Net framework 4.7, Bootstrap, Ajax, jQuery, Sql Server 2012, C#, Nepali Date Helper, CSS, 3 layer architecture.
- [Demo Link](#) warduser1, Admin@123

2. Web Api Sifaris

(Silicon Soft and IT Consultant Pvt. Ltd)

With just a few clicks on the web or a quick tap on their phone, citizens can effortlessly submit their requests from the comfort of their homes. Our integrated e-wallet feature ensures hassle-free payment transactions. Say goodbye to long queues – citizens can now schedule their visits to the palika office at their convenience, saving time and effort.

- Technologies: .Net Web Api 8, Sql Server, React. Used Clean architecture, DDD, EF Core, Repository Design Pattern, JWT role based authentication and authorization.
- Both backend and front-end are using local server in sync to build the software.

3. Rajpatra

(Silicon Soft and IT Consultant Pvt. Ltd)

This is a massive project built using Web API with C# SQL Server in a beautiful n-layer architecture available for both web and mobile platforms. It is basically used by government personnel to upload new government laws, notices, and judiciary information to make it available to citizens.

- I contributed as a tester. To be a tester after long months of being a developer could be challenging.
- Used xUnitTest as a tool, with a few fake data packages to test controllers and crucial functions. This project gave me the privilege to introduce myself as a tester.

4. News Insider & Vaidy

Personal

News Insider:

I wanted to learn about news telecasting, therefore after researching popular news portal sites of Nepal, I also built one with real scenario features like ads management, admin panel, and news sorting based on date.

Project Link

Vaidya:

It's a web API project built for health sector to let people share their disease and healing journey. They would be virtually connected to respective doctor with online chat. It's health sector online community. Project initializer/creator using Clean architecture, DDD, EF Core, Repository Design pattern and secured JWT role based authentication. News Portal is finished, but still working on Vaidya for chat feature.

Project Link

CERTIFICATES

1. Asp.Net Core 8 (.NET 8) | True Ultimate Guide - Harsha Vardhan, Udemy, 80% Complete
2. The Complete 2024 Web Development Bootcamp - Angela Yu , Udemy, 50% Complete
3. ASp .Net Full Course - Broadway Infosys, Oct 2022 Completed

REFERENCES

Bikash Prajapati

Sr. Software Engineer

Inficare Pvt. Ltd

Dorje Lama

Sr. Software Engineer

Silicon Soft & It Consultant

Bishnu Rawal

Principle Engineer

Infinite Computer Solutions