

# SANJUKTA SUNAR

Fairfield, Iowa 52557 • +1-641-233-9873 • [developer.sanjukta@gmail.com](mailto:developer.sanjukta@gmail.com)  
<https://www.linkedin.com/in/sanjukta-sunar>

## FULL STACK DEVELOPER

---

Full-Stack .Net Software Engineer with 5+ years of experience delivering high-impact projects, including a comprehensive School Management System, CRM, ERP solutions, a financial portal, and the Social Security Fund (SSF) of the Nepal Government. Leading projects, managing teams, and mentoring junior developers while excelling under tight deadlines. Proficient in backend technologies and frontend technologies, with a strong focus on problem-solving, system design, and optimizing performance. Known for excellent communication, leadership skills, and a commitment to continuous learning and technological advancement.

---

Object Oriented Programming (OOP) • SOLID Principles • Continuous Integration/Continuous Delivery (CI/CD)  
Cloud Computing • Agile Methodologies • Version Control Systems • Software Development Lifecycle  
Containerization • Database Management • Microservices Architecture • Multithreading

**Languages:** C#, JavaScript

**Web:** JQuery, HTML, CSS, Razor

**Web Services:** REST, JSON

**Web/App Servers:** IIS

**Frameworks:** ASP.NET MVC, ASP.NET Core, ASP.NET Core MVC, ASP.NET Web Forms, WCF, Entity Framework Core

**Databases:** MS SQL, Oracle

**Design Patterns:** Singleton, Observer, Strategy, State, Command, Chain of responsibility, Factory, Facade

**SDLC:** Agile, Scrum

**Tools:** Git, Docker, Kubernetes, Postman

**Platforms:** Windows, AWS

---

## PROFESSIONAL EXPERIENCE

**CAREER NOTE:** Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

### PROFESSIONAL COMPUTER SYSTEM, Kathmandu, Nepal • 01/2023 – 01/2024

#### Senior Software Engineer

- Initiated and developed an automated payment status update scheduler and UI for SSF using ASP.NET Core, Hangfire, MSSQL, and Oracle, reduced developer time by 10X and significantly boosting productivity.
- Implemented a feature enabling informal and foreign contributors for SSF using ASP.NET Core, Web Forms, and Oracle, resulting in a monthly collection increase of over \$100,000.
- Implemented direct bank-to-bank payments for SSF using ASP.NET Core, ASP.NET Web Forms, and Oracle, eliminated third-party fees and achieved significant daily cost savings.
- Implemented a loan clearance feature using ASP.NET Core, Oracle, and ASP.NET WebForms, enabling contributors to clear loans from their gratuity fund in compliance with updated government regulations.
- Refactored module verification for a multi-module SSF project using Factory and Strategy Patterns, removed boilerplate code, enhanced code maintainability, improved scalability, and debugging efficiency.
- Managed client engagement for the SSF Project by gathering requirements and feedback, Developing and improving features, resulting in effective communication, timely updates, and high client satisfaction.
- Led junior developers on the SSF Project by assigning tasks, providing guidance, and conducting code reviews, resulting in improved team performance and enhanced code quality.

**Technologies Used:** HTML, CSS, ASP.NET Core, ASP.NET Web Form, JavaScript, Oracle, MSSQL, Knockout JS, ADO.NET, Entity Framework Core, T-SQL, PL/SQL

### BISHWOKARMA TRADING AND PROMOTORS PVT.LTD. , Kathmandu, Nepal • 03/2022 – 12/2022

#### Software Engineer

- Conducted requirements analysis, created technical specifications and class diagrams, and developed and deployed key modules for the stock management project using .NET, JavaScript, and MSSQL; accomplished successful implementation and integration in staging and production environments.
- Implemented SMS and email notifications for customer purchases using .NET Core and push notifications in the admin dashboard for stock and payment updates using SignalR, enhanced real-time updates.
- Implemented product inventory tracking and notification system to manage stock levels, sales trends, and expirations, ensuring a steady supply and timely admin alerts.
- Assigned tasks and mentored junior developers, maintained the entire system, fixed issues, and deployed changes across different environments, ensuring smooth operation and effective oversight of the project.

**Technologies Used:** HTML, CSS, Javascript, JQuery, ASP.NET Core, ASP.NET Core MVC, Entity Framework Core, MSSQL, Razor, SignalR

**PODAMIBE NEPAL PVT. LTD, Kathmandu, Nepal • 05/2021 – 02/2022**

**Mid-Level Software Developer**

- Integrated a third-party event tracking system into a financial platform using ASP.NET Core, ASP.NET WebForms, and JavaScript, enabling the marketing team to analyze customer behavior and boost sales by 30%.
- Added mobile balance payment options for one-time or recurring to the financial portal using ASP.NET WebForm, ASP.NET Core, and MSSQL, enhancing payment flexibility and user convenience.
- Optimized portfolio and data analytics data loading for the financial portal using ASP.NET WebForms, ASP.NET Core, MSSQL, and JavaScript, improving performance and increasing user satisfaction by 30%.
- Optimized heavy data loading by implementing server-side pagination for financial portal using ASP.NET WebForms, ASP.NET Core, and MSSQL, reducing retrieval time by 40%.

**Technologies Used:** HTML, CSS, ASP.NET Web Form, ASP.NET Core, Javascript, JQuery, MSSQL, ADO.NET, Entity Framework Core, T-SQL, PL/SQL

**SOFTLAB INC., Kathmandu, Nepal • 11/2019 – 04/2021**

**Junior Software developer**

**Technologies Used:** HTML, CSS, JavaScript, ASP.NET Core, ASP.NET MVC, Fluent Migrator, Entity Framework Core , SignalR, React JS, MSSQL Server, Razor, SignalR, ADO.NET, T-SQL, PL/SQL

**ACADEMIC PROJECTS**

**Maharishi International University (2024) - University Connect:** A Java-based platform for university students to collaborate academically, featuring profiles, discussions, a resource library, advanced search, moderation tools, event management, a student directory, and an admin dashboard.

**Maharishi International University (2024) - Course Attendance System:** A Java-based web service automating student attendance with badge scanners, managing courses, sessions, and registrations, and generating Excel attendance lists. Supports roles for students, faculty, staff, and sysadmins.

**EDUCATION**

**Master of Science in Computer Science**

*(In progress via distance education; expected completion 10/2026)*

Maharishi International University, Fairfield, Iowa

**Key Courses:** Web Programming, Enterprise Architecture, Web Application Architecture, Advanced Software Development

**Bachelor in Computer Engineering**

Pokhara University, Kaski, Nepal (09/2018)