

NIRANJAN SAMAL

Software Developer

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📍 Hyderabad, India

📁 Portfolio

SUMMARY

Energetic ASP.NET Developer with strong experience in building scalable web applications using .NET Core 8, SQL Server, SignalR, and REST APIs. Proven ability to implement secure role-based modules, real-time chat, and AI chatbot integration. Focused on clean architecture and efficient database optimization.

EXPERIENCE

.NET Developer (Full Time)

B2World (BTOW Pvt. Ltd.)

📅 Dec 2023 – Present 📍 Samastipur, Bihar

- Developed **role-based modules** for a School ERP system using **ASP.NET Core 8** and **SQL Server**.
- Created **RESTful APIs** for handling **attendance, profiles, payments, and admin approvals**.
- Implemented a **SignalR-based real-time chat** system for subject-wise student-teacher interaction.
- Integrated an **AI-powered chatbot** using the **OpenAI API** to auto-respond to student queries.
- Optimized **database performance** using **indexing, query tuning, and stored procedures**.
- Developed **secure login and authentication** modules using **ASP.NET 4.8**.
- Integrated a **third-party payment gateway** and implemented **user upgrade workflows**.
- Built an **admin dashboard** to manage **payouts, user classes, and view analytics**.
- Created and exposed **REST APIs** for **profile management and referral systems**.

EDUCATION

MCA CGPA: 8.14 / 10
Krupajal Computer Academy Bhubaneswar, Odisha
05/2020 – 12/2022

B.Sc. Math (Hons) CGPA: 6.72 / 10
Chitalo Degree Mohavidyalaya Jajpur, Odisha
07/2016 – 06/2019

12th, Science Percentage: 56 / 100
B.S.H.S. School Saydpur, Odisha
06/2014 – 05/2016

10th Percentage: 71 / 100
Prahallad High School Ranapur, Odisha
01/2013 – 04/2014

TECHNICAL SKILLS

C# HTML CSS JavaScript
ASP.NET ASP.NET MVC
SQL Server .NET Core
.NET Framework AJAX jQuery
Entity Framework ADO.NET
Web API IIS Deployment
Bootstrap Angular (Basics)
React Azure Visual Studio 2022
Postman VS Code
SQL Server Management Studio

PROJECTS

Retail Billing Application

04/2025 – 06/2025

- Developed a feature-rich **retail billing module** using **ASP.NET Core MVC** and **SQL Server**.
- Implemented **barcode scanning, product lookup, and real-time bill generation**.
- Integrated **customer search, itemized cart, and tax calculation** functionality for faster checkout.

E-Bill Web Application

01/2023 – 03/2023

- Designed and developed an **ASP.NET MVC** application for **inventory tracking and stock management**.
- Implemented **CRUD operations** using **ADO.NET** and **stored procedures** for efficient data handling.

CERTIFICATIONS

- Full Stack .NET – Naresh I Technologies (2023)
- C# (Basic) – HackerRank (2024)
- SQL (Basic) – HackerRank (2024)

LANGUAGES

English Hindi Odia

STRENGTHS

OOP & SOLID Principles Problem Solving
Clean Code Practices Agile Development
Fast Learner Self-motivated