

ALOK TIWARI

.Net Core developer

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Linkedin

EDUCATION

Babu Banarasi Das University

Degree in Masters of Computer Application

Lucknow, Uttar Pradesh

August 2020 - June 2022

Chhatrapati Shahu Ji Maharaj University

Degree in Bachelor of Computer Applications

Kanpur, Uttar Pradesh

July 2017 - June 2020

EXPERIENCE

Singsys Software Services Pvt Ltd. | .NET Developer

Lucknow | August 2022 - October 2024

Developed and maintained scalable web applications using ASP.NET, C#, and other Microsoft technologies

Collaborated with cross-functional teams to gather requirements, design solutions, and deliver projects on time and within budget.

Implemented best practices in code quality, performance optimization, and security.

Contributed to the entire software development lifecycle, from concept to deployment and support.

Utilized SQL Server and Entity Framework for database design, querying, and optimization.

Participated in agile development methodologies, including sprint planning, stand-up meetings, and retrospective sessions.

Resolved technical issues and bugs reported by clients in a timely manner, maintaining a high level of customer satisfaction.

SKILLS

Programming Languages: C#, Javascript, HTML, CSS, SQL

Libraries/Frameworks: ASP.NET Core 6, ASP.NET Core 8, ASP.NET MVC, WebApi, LINQ, Entity Framework, ReactJS, React Native, JQuery, Asp.NET 4.0

Tools / Platforms: VS code, Visual Studio 2022, Git

Databases: SQL Server, SQLite

PROJECTS / OPEN-SOURCE

Chayan (Employee Hiring System) *ReactJS, ASP.NET core WebApi, Entity Framework, ASP.NET Core Identity Framework*

Developed an Employee Recruitment System for organizations using React.js for the frontend, ASP.NET Core WebAPI for the backend, and SQL Server for the database. The system allows freshers to register, take online exams, and receive scorecards. HR personnel can set cutoff scores for sections and notify selected candidates via email.

Authentication: Implemented using ASP.NET Core Identity Framework

Database : SQL Server

HL-Asia Customer Portal *HTML, CSS, Bootstrap, Javascript, Ajax, ASP.NET Core MVC 8, Entity Framework, ASP.NET Core Identity Framework*

Developed a comprehensive Customer Portal for HL Asia, facilitating seamless ordering of building materials across different departments. Utilized Entity Framework and ASP.NET Core MVC 8 for efficient development and integrated with SQL Server for database management.

Collaborated with the team to gather requirements and design the system architecture.

Implemented frontend functionalities using ASP.NET Core MVC 8 for a responsive and intuitive user interface.

Utilized Entity Framework for data access, including database interactions, querying.

Designed and developed database schema using SQL Server to store customer information, product catalog, and order details.

Ensured security measures were implemented to protect sensitive customer data and transactions.

Acrafile

ASP.Net WebForms, ADO.NET, SQL Server, HTML, CSS, Javascript

Provided technical support to end-users, addressing inquiries and troubleshooting issues promptly.
Identified and resolved bugs and technical issues within the application to ensure smooth functionality.
Collaborated with the development team to prioritize and implement bug fixes and enhancements.
Conducted thorough testing to validate bug fixes and ensure the stability of the application.

HR Management System *ASP.NET Core 8, Entity Framework Core, SQL Server, Bootstrap, Identity Framework*

Designed and developed a comprehensive HR management system to streamline employee management, leave tracking.
Built CRUD operations for employee profiles with validation and role-based access control using ASP.NET Core Identity.
Developed a dynamic leave management module with approval workflows, calendar integration.

Active Directory (AD) Integration System *ASP.NET Core 8, Identity Framework, Entity Framework Core, SQL Server, REST APIs, Role-Based Access Control, Middleware*

Developed a secure web application with Active Directory (AD) integration to streamline authentication and authorization for enterprise users.
AD Integration: Implemented LDAP-based authentication to enable seamless user login using AD credentials.
Identity Framework: Configured ASP.NET Core Identity for user management, role-based authorization, and claims-based access control.
Authorization and Authentication:
Implemented multi-factor authentication (MFA) for enhanced security.
Created policies and middleware for granular control of user access to sensitive resources.
Database Integration: Utilized Entity Framework Core for managing user roles, permissions, and session data in SQL Server.
Role Management: Developed admin functionality to assign roles dynamically, ensuring secure and scalable access control.
Middleware Development: Built custom middleware for auditing and logging all user activities, enhancing system transparency.