SAURABH JOSHI [Senior Software Developer]

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📍 Hamirpur, Uttar Pradesh   🎂 1997/08/13

🏳 https://saurabhjoshi.netlify.app/   in linkedin.com/in/saurabh-joshi-1004b8213

○ github.com/Saurabh97-dev   Ⓢ live:.cid.e83c0766b48591f5

Profile Summary

Results-driven .NET Developer with 5+ years of experience in designing, developing, and deploying scalable web and desktop applications. Expertise in **Blazor, ASP.NET Core, ASP.NET WebAPI, ASP.NET MVC, ASP.NET Framework, C#, Python, Angular, AstroJs, Entity Framework, MS SQL Server, Postgres** to build high-performance, user-centric solutions. Proven ability to modernize legacy systems, integrate micro services, and implement cloud-based architectures. Passionate about clean code, SOLID principles, Repository Design Pattern, Docker and agile methodologies, with a track record of delivering robust applications that enhance efficiency and user experience.

My Portfolio Website Reference

https://saurabhjoshi.netlify.app/

Education

2014 – 2018 Sonipat, Haryana, India	**B-Tech** *SRM University* Bachelor of Technology in Computer Science Engineering
2012 – 2014 Kota, Rajasthan, India	**Higher Secondary Education** *Sarvodaya Senior Secondary School*

Professional Experience

2024/10 – present Gwalior, Madhya Pradesh, India	**Software Developer Expert** **CMS Computer Private Limited**

- Create applications on latest technologies like Blazor (server, web-client and web app), Asp.net Core, Asp.net MVC, Asp.net WebApi, Python with ensuring optimal performance and scalability.
- Maintained and enhanced existing applications developed in ASP.NET and ASP.NET Core, Angular ensuring optimal performance and scalability.
- Learning and working on Solid Principals, Clean Architecture, GitHub.
- Learning and using the Microsoft frontend component base UI MudBlazor.
- Working on layer wise Architecture using latest technologies.
- Analyzed and refactored legacy code to align with modern ASP.NET Core practices, improving maintainability and efficiency.
- Integrated external APIs into existing systems, enabling seamless third-party communication and enhanced application functionality.
- Developed and consumed RESTful APIs using Angular to facilitate secure and efficient data exchange between services.
- Collaborated with cross-functional teams to gather requirements, identify issues, and deliver feature updates on time.
- Resolved critical bugs and optimized application workflows by performing detailed debugging and code reviews.
- Implemented security measures, including API authentication and authorization using OAuth, JWT, and Identity frameworks.
- Migrated portions of legacy applications to ASP.NET Core, improving performance and adopting microservices architecture where applicable.
- Worked on front-end components using Razor Pages, Blazor, and client-side frameworks for a seamless user experience.

- Documented API endpoints, workflows, and technical processes to support team knowledge and future enhancements.
- Continuously learned ASP.NET ⧉latest technologies for best practices and patterns, applying them to streamline development and ensure modern standards.
- Utilized Entity Framework Core for database interactions, ensuring efficient and secure CRUD operations.
- Supported junior developers and shared insights on API integration and ASP.NET ⧉ Core advancements.

2024/05 – 2024/10
Hisar, Harayana, India

Asp.net Developer
Dakshin Haryana Bijli Vidhyut Nigam (Pragyaware Solutions Pvt. Ltd.)
- Maintained and enhanced existing applications developed in ASP.NET, Blazor and ASP.NET Core, ensuring optimal performance and scalability.
- Analyzed and refactored code to align with modern Blazor and ASP.NET Core practices, improving maintainability and efficiency.
- Integrated external APIs into existing projects, enabling seamless third-party communication and enhanced application functionality.
- Developed and consumed web APIs to facilitate secure and efficient data exchange between services.
- Collaborated with cross-functional teams to gather requirements, identify issues, and deliver feature updates on time.
- Resolved critical bugs and optimized application workflows by performing detailed debugging and code reviews.
- Implemented security measures, including API authentication and authorization using JWT, and Identity frameworks.
- Migrated portions of legacy applications to ASP.NET Core, improving performance.
- Worked on front-end components using Razor Pages and client-side frameworks for a seamless user experience.
- Documented API endpoints, workflows, and technical processes to support team knowledge and future enhancements.
- Continuously learned ASP.NET Core best practices and patterns, applying them to streamline development and ensure modern standards.
- Utilized Entity Framework Core for database interactions, ensuring efficient and secure CRUD operations.
- Supported junior developers and shared insights on API integration and ASP.NET Core advancements.

2021/06 – 2024/01
Kanpur, Uttar Pradesh, India

Asp.net Developer
Neyveli Uttar Pradesh Power Limited
- Designed, developed, and deployed scalable web applications using ASP.NET c#.
- Built interactive user interfaces leveraging ADO.Net, HTML, CSS, and JavaScript.
- Implemented robust back-end solutions using C#, LINQ, and Entity Framework for seamless database operations with SQL Server.
- Optimized application performance and scalability by implementing query optimization.
- Collaborated with cross-functional teams to gather requirements, design system architecture, and deliver high-quality applications within deadlines.
- Conducted code reviews and applied solutions to enhance code maintainability and performance.
- Migrated legacy ASP.NET applications to modern ASP.NET Core frameworks for improved performance and maintainability.
- Mentored junior developers, providing guidance on ASP.NET technologies and coding standards.
- Delivered documentation for system designs, workflows, and user guides to aid knowledge transfer and project maintenance.

- Actively contributed to the adoption of agile methodologies, participating in sprint planning, daily stand-ups, and retrospectives.

2019/08 – 2020/10
Basti, Uttar Pradesh, India

Asp.net Developer
SJTS International Private Limited
- Assist in designing, coding, and testing web applications using ASP.NET frameworks.
- Develop user-friendly front-end technologies like HTML, CSS, and JavaScript.
- Implement and maintain database integration using SQL Server.
- Debug and troubleshoot software issues to ensure smooth functionality.
- Collaborate with teams to understand project requirements and deliver scalable solutions.
- Stay updated on the latest ASP.NET and Microsoft technologies to enhance performance and security.

Skills

Blazor Web App (Server and Web Client) ● ● ●
Proficient in Blazor, using its powerful framework to build interactive, client-side web applications with C# instead of JavaScript. Skilled in developing dynamic, reusable components, handling real-time data, and creating seamless user experiences for both server-side and Web Assembly-based applications.

Asp.net MVC ● ● ● ●
Experienced in ASP.NET Core MVC, utilizing its model-view-controller architecture to build scalable, maintainable web applications.

C# ● ● ● ●
Proficient in C#, with expertise in object-oriented programming, building robust applications, and leveraging its features like LINQ, Async/Await, and .NET libraries to develop efficient, scalable solutions.

HTML ● ● ● ●
Proficient in HTML, with expertise in creating well-structured, web pages, ensuring accessibility, and optimizing content for search engines. Skilled in using HTML5 elements for building responsive, mobile-friendly designs.

Bootstrap ● ● ●
Skilled in using Bootstrap to design responsive web applications, ensuring consistent and user-friendly layouts across all devices and screen sizes.

Angular ● ● ●
Skilled in using Angular Web API applications, ensuring consistent and user-friendly layouts across all devices and screen sizes.

Asp.net Core with Entity Framework ● ● ●
Proficient in ASP.NET Core Entity Framework, manage database operations efficiently. Skilled in creating data models, performing CRUD operations, implementing migrations, and optimizing queries for high performance. Experienced in integrating Entity Framework Core with ASP.NET Core applications.

Asp.net ● ● ● ●
Experienced in designing web applications with ASP.NET and C#, creating dynamic websites, web apps, and web forms with high performance.

SQL Server ● ● ● ●
Experienced in SQL Server, proficient in database design, writing complex queries, optimizing performance, managing data integrity, and implementing stored procedures, triggers, and functions for efficient data handling and retrieval.

CSS ● ● ● ●
Skilled in CSS, with expertise in styling web pages, creating responsive layouts, and implementing modern design techniques using Flexbox, Grid, and animations. Proficient in enhancing user experience through visually appealing, cross-browser compatible designs.

JavaScript ● ●
Proficient in JavaScript to build interactive, dynamic user interfaces and improve web application performance.

Python ● ● ●
Proficient in Python to build interactive, dynamic platforms and web application and improve performance.

Languages

- Hindi
- English

Certificates

- Advance SQL Boot camp from Udemy.
- ASP.NET Core - SOLID and Clean Architecture form Udemy
- Asp.net C# from SIS Technology
- Dot net core MVC (.net8) from Udemy
- ASP.NET Core Web API from Udemy

Projects

Integrated Management System
- **Tech:** ASP.NET Core, Angular, C#, SQL Server, MudBlazor
- A unified system for attendance, leave, employee monitoring, and inventory. Includes shift scheduling, GPS tracking, asset management, and automated reports.
- **UI:** Responsive front-end with HTML, CSS, Bootstrap, MudBlazor.
- **Backend:** ASP.NET Core (MVC), C#.
- **API:** Angular-created and consumed.
- **DB:** SQL Server.

Employee Monitoring System
- **Tech:** Blazor, C#, Diructus, HTML, CSS, Bootstrap
- Tracks daily attendance with live location, work logs, and project progress. Reporting officers review logs, assign tasks, and monitor analytics. Includes export functionality.
- **UI:** Responsive Blazor front-end.
- **API:** Diructus integrated APIs.
- **Backend:** C#, SOLID, Repository Pattern.
- **DB**: Diructus.

Vehicle Detection Traffic Monitoring System
- **Tech:** Python, OpenCV
- A smart monitoring system that analyzes captured images to detect traffic violations automatically. The system identifies vehicles, detects rule violations, extracts vehicle number plates, and stores violation data in the database for further processing.
- **Processing:** Image processing & object detection using Python and OpenCV. Violation detection, number plate extraction, automated record saving.
- **DB**: Use Postgres database to stores captured vehicle numbers and violation details.

Complaint Management System
- **Tech:** ASP.NET, C#, SQL Server
- Enables complaint submission, tracking, categorization, and reporting.
- **UI:** HTML, CSS, Bootstrap.
- **Backend:** ASP.NET, C#.
- **DB:** SQL Server.
- **Features:** User auth, status updates, CRUD.

Inventory Management System
- **Tech:** ASP.NET, C#, SQL Server
- Manages stock, orders, categories, and low-stock alerts.
- **UI:** HTML, CSS, Bootstrap.
- **Backend:** ASP.NET, C#.
- **DB:** SQL Server.

Visitor Pass System
- **Tech:** ASP.NET, C#, SQL Server
- Streamlines visitor registration, pass issuance, and entry/exit logs.
- **Features:** Pass expiry alerts, reporting, role-based access.

Human Resource Management System
- **Tech:** ASP.NET, C#, SQL Server
- Covers employee data, payroll, attendance, leave, and performance.
- **Features:** Role-based access, CRUD, reporting.

Attendance Management System
- **Tech:** ASP.NET, C#, SQL Server
- Automates attendance tracking, leave, summaries, and alerts.

Electricity Consumption Portal
- **Tech:** ASP.NET, C#, SQL Server
- Tracks electricity usage, bills, payments, and consumption analytics.

Employee Portal
- **Tech:** ASP.NET, C#, SQL Server
- Manages profiles, leave, tasks, documents, and HR notifications.

Company Intranet Website
- **Tech:** ASP.NET, C#, SQL Server
- Internal site for corporate info, services, forms, and communication.

Company Public Website
- **Tech:** ASP.NET, C#, SQL Server
- Public-facing site for services, products, contact forms, and dynamic content.

Quarter Allotment System
- **Tech:** ASP.NET, C#, SQL Server
- Manages government/organization quarter allotments, approvals, and tracking.

Solar Portal
- **Tech:** ASP.NET, Angular, C#, SQL Server
- Subsidy management portal for state solar schemes (up to 2 KV).
- **Backend:** ASP.NET MVC
- **API:** Angular
- **Features:** Eligibility checks, user subsidy tracking.

Academic Events

Participate in Zonal Round of Robotryst-2015 for Android

Industrial Visits

CEPTA InfoTech Private Limited, HUAWEI Technologies

Courses

Kanpur, Uttar Pradesh, India	**Asp.net**
	SIS Tech

Reference

Possessing strong problem-solving skills, committed to continuous learning and staying current with emerging technologies. Proficient in technologies practices, I collaborate effectively with teams to deliver high-quality, scalable solutions. Focused on innovation and efficiency, I aim to tackle complex challenges and contribute to future software development.