

Summary :

Full Stack .NET Developer with 2+ years of experience building enterprise web applications using C#, ASP.NET Core, .NET Web API, Entity Framework Core, SQL Server, and React.js. Experienced in designing RESTful APIs, layered architectures, role-based authentication with Keycloak/JWT, complex business workflows, background jobs, bulk data processing, and database optimization. Proven experience improving backend performance, developing multi-tenant systems, and delivering scalable applications in Agile environments.

Key Skills:

Languages: C#, JavaScript, SQL
Backend & Frameworks: .NET Core, ASP.NET MVC, .NET Web API, Entity Framework Core, ADO.NET, LINQ
Frontend: React.js, Next.js, HTML5, CSS3, JavaScript, Bootstrap, Material UI
Databases: SQL Server, PostgreSQL, Stored Procedures
Authentication & Security: JWT, Keycloak, Role-Based Authentication & Authorization
Tools: Git, SourceTree, Jira, SSMS

Educational Information:

1. Computer Engineering (B.Tech) :	
Chandubhai S. Patel Institute of Technology. (CHARUSAT University). CGPA -7.45/10.00	09/2020 - 05/2024
2. 12th Grade (GSHSEB):	
Vasishtha Vidyalaya, Vav. (Surat) .76.61%	06/2019 - 03/2020

Work Experience:

1. Software Developer, Plexoc Solutions Pvt. Ltd.(Ahmedabad)	06/2024-Present
- Enhanced ASP.NET backend services and optimized SQL queries, resulting in a 30% improvement in system performance and faster data retrieval times. - Contributed to the an aircraft parts management web application platform, managing aircraft part lifecycles by implementing key features for part birth, installation, removal, and exchange, enabling efficient traceability across systems. - Developed functionality for CSV-based bulk event tracking, streamlining data input processes and reducing manual effort by 40%. - Utilized AJAX to enable real-time user interactions, improving responsiveness and overall user engagement. - Integrated Keycloak for secure, role-based authentication, significantly enhancing access control and protecting sensitive data.	
2. Software Engineer Intern, Civica Resource Pvt. Ltd. (Vadodara)	02/2024-04/2024
- Proficient in ASP.NET MVC architecture, with hands-on experience in developing scalable and maintainable web applications aligned with industry best practices. - Experienced in ADO.NET, with a focus on efficient data manipulation, transaction handling, and seamless database communication to support high-performance application layers. - Skilled in SQL Server 2022 and SQL Server Management Studio (SSMS), with a proven ability to design, implement, and optimize complex database structures, improving query performance and ensuring data integrity.	

Projects:

1. Aircraft Parts Management Web Application
- Contributed to the development of an aircraft parts management web application designed to support multiple airlines by enabling detailed event tracking through CSV file uploads. - Designed and enhanced core features for event management, including part birth, installation, removal, and exchange, ensuring accurate tracking and automated generation of component history. - Implemented AJAX to enable real-time data interactions, improving responsiveness and enhancing the overall user experience. - Integrated Keycloak to implement role-based authentication and authorization, significantly enhancing application security and access control.
2. Daily Job Management System for Police Department of US
- Designed and developed a large-scale ASP.NET Core Web API (115+ controllers, layered Controller → Service → Repository → EF Core) for multi-tenant law-enforcement departments to manage requesters, events, posts, and officer assignments end to end. - Built complex scheduling workflows for post positions—including assignment, waiting lists, split/cancel states, on-duty tracking, and close-assignment logic—with role-based JWT authorization, FluentValidation, and deep cross-service orchestration. - Implemented financial operations for closed shifts: configurable payroll export (scheduled cron jobs, Excel/Word output, FTP handoff) and invoicing with adjustments, equipment line items, and department-level enable flags tied to post-position lifecycle. - Delivered enterprise cross-cutting capabilities: configurable multi-step approval routing (requests, vehicles, permits), queued background audit history, Firebase push notifications, MailKit email templates, bulk Excel employee import, and department-scoped scheduled jobs (tenure, payroll).