

SAVAN GANGANI

Software Engineer | ASP.NET Core Backend Developer | 2+ Years of Experience

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Education

B.Tech Computer Engineering

P P Savani University | 2020–2024

Surat, Gujarat, India

Technical Skills

Languages: C#, JavaScript, Java

Backend: .NET Core, ASP.NET Core, REST APIs

Databases: PostgreSQL

Caching: Redis

Architecture: Clean Architecture, SOLID, Dependency Injection

Practices: Async/Await, Agile/Scrum

DevOps: GitHub Actions (CI/CD pipelines)

Tools: Git, Postman, PowerShell

Experience

Casepoint Pvt. Ltd.

Software Engineer

Surat, Gujarat, India

Jan 2024 - Present

- Designed and developed scalable RESTful APIs using C# and .NET Core to support enterprise-level legal workflows and data processing pipelines.
- Built backend services to efficiently process high-volume structured and unstructured datasets.
- Optimized PostgreSQL queries and indexing strategies, significantly reducing response latency and improving data retrieval performance in production environments.
- Implemented Redis caching layer to reduce database load and improve API response performance.
- Developed background services using async/await to enable asynchronous task execution and improve system scalability.
- Implemented authentication and authorization mechanisms to secure API endpoints.
- Designed and developed a WinForms desktop application for parsing and processing offline data sources (e.g., SLACK, Chime, Bloomberg).
- Conducted proof-of-concept (POC) implementations and R&D initiatives, including JSON repair and data normalization techniques.
- Diagnosed and resolved production issues related to API performance, caching layers, and database bottlenecks to maintain system reliability.
- Applied Clean Architecture, SOLID principles, and Dependency Injection to ensure modular and maintainable code.
- Contributed as a core member of the foundational engineering team in building Casepoint's next-generation AI platform, developing scalable backend infrastructure and reusable services to support enterprise AI-powered legal workflows.

Technofy Infotech

Flutter Intern

Surat, Gujarat, India

May 2023 - June 2023

- Developed and published Credit Card Widget Flutter library on pub.dev (https://pub.dev/packages/flutter_credit_card_container)
- Built GST Analyzer application for tax calculation automation

Projects

eCertifyHub – Digital Certificate & Verification Platform [🔗](#)

Technologies: ASP.NET Core, Background Services, QR Code Generation, Email Automation

- Developed a digital certificate generation and verification platform using ASP.NET Core.
- Implemented unique ID-based validation and QR code verification for tamper-resistant certificate authentication.
- Built a background service (Hosted Service) to process and send automated certificate emails asynchronously.
- Designed secure access control mechanisms to protect certificate issuance and verification workflows.
- Developed SEO-optimized public verification pages for real-time certificate validation.
- Structured the application using clean architecture principles to ensure scalability and maintainability.
- Implemented GitHub Actions-based CI/CD pipeline for automated build validation and deployment workflows.

CustHive – Smart CRM for Rental & Garment Shops [🔗](#)

Technologies: .NET Core, REST APIs, Flutter, WhatsApp API, PostgreSQL

- Developed a SaaS-based CRM platform using ASP.NET Core for rental and garment shop management.
- Designed RESTful APIs for inventory, booking, customer, and invoice management.
- Implemented real-time inventory tracking with date-based product availability to prevent double bookings.
- Automated invoice generation and integrated WhatsApp API for instant invoice sharing and notifications.
- Developed a cross-platform Flutter mobile application integrated with .NET Core APIs for managing inventory, bookings, and customer records.
- Applied Clean Architecture and Dependency Injection to build a scalable and maintainable solution.

Eventi – Personalized Digital Invitation Platform

Technologies: .NET Core, WinForms, CSV Processing, PDF Generation, WhatsApp Business API

- Developed backend services using .NET Core to generate personalized digital invitations.
- Built a WinForms-based admin panel to upload and manage guest data via CSV files.
- Implemented CSV parsing and validation to process bulk guest records efficiently.
- Implemented dynamic PDF generation with template rendering and guest-level personalization.
- Integrated WhatsApp Business API for automated invitation delivery.
- Designed the application using Clean Architecture and Dependency Injection for maintainability and modularity.

Wirtsoft – Restaurant Management System [🔗](#)

Technologies: ASP.NET Core, Kendo UI, PostgreSQL, REST APIs, Bootstrap

- Developed a restaurant management system for the German market using ASP.NET Core.
- Designed and implemented RESTful APIs for menu management, order processing, and customer operations.
- Built responsive, mobile-first interfaces using Kendo UI and Bootstrap for restaurant staff.
- Optimized PostgreSQL queries to improve order retrieval and reporting performance.
- Implemented role-based authentication and authorization for secure access control.
- Applied Clean Architecture and Dependency Injection to build a scalable and maintainable application.

CustHive WhatsApp Marketing Tool

Technologies: ASP.NET Core, WhatsApp Business API, PostgreSQL, Background Services

- Developed an automated WhatsApp marketing platform for customer engagement and promotional campaigns.
- Integrated WhatsApp Business API to send personalized bulk messages and campaign notifications.
- Implemented CSV/Excel-based contact import with validation and duplicate detection.
- Developed background services for scheduled message processing and delivery tracking.
- Built campaign management APIs to monitor message status, logs, and campaign analytics.
- Designed the system using Clean Architecture for scalability and future multi-tenant support.