

Satvik Dixit

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📅 Date of Birth: 17 July, 2003

Career Objective

Seeking a position where I can apply my full-stack development skills, data integration experience, and analytical mindset to build scalable, efficient, and user-centric software solutions. Eager to work in a collaborative and growth-focused environment that encourages continuous learning and technical innovation.

Professional Experience

06/2024 – 08/2025

Mohali, India

Application Engineer

Covalience India Pvt. Ltd.

- Designed, developed, and implemented web applications using C# and .NET Core frameworks, applying solid object-oriented programming principles for scalable and maintainable solutions.
- Developed and managed Web APIs using .NET Core to enable efficient data communication between front-end and back-end systems.
- Designed and optimized SQL Server database structures, queries, stored procedures, and views for complex data relationships using Entity Framework and Dapper.
- Implemented responsive front-end components with HTML, CSS, JavaScript, jQuery, Bootstrap, and Datatables to build interactive user interfaces.
- Created custom reports and input pages based on user, crop, job, and location data within a long-standing enterprise reporting system using .NET Core MVC and Blazor.
- Integrated Azure AD B2C for secure role-based authentication and user access control across the application.
- Developed recipe management features by integrating third-party Edamam API to retrieve dynamic nutritional data using .NET Core Web API and SQL Server.
- Wrote unit tests using xUnit and Moq to ensure code reliability and maintainability across service layers and controller logic.
- Contributed to performance optimization through SQL query tuning and asynchronous processing within API calls.
- Collaborated with cross-functional teams to analyze business requirements and deliver scalable solutions on time.
- Participated in planning messaging and event handling migration using RabbitMQ, with Kafka integration under future consideration.
- Followed Agile methodologies, actively participated in sprint planning, code reviews, and continuous integration processes to enhance development efficiency.

Skills

C#

.NET Core

.NET Core MVC

.NET Core Web API

Blazor

SQL (MySQL/SQL Server/Postgresql)

Javascript

React

Node JS

Express JS

MongoDB (No SQL)

Java

GraphQL

RabbitMQ

Projects

present

Data Consolidation

Tech Stack: .NET Core, RabbitMQ, MySql, Postgre, REST APIs, RabbitMQ

- Developed a centralized data consolidation system to integrate datasets from multiple internal and third-party platforms.
- Unified scattered data sources into a single, structured repository to improve data accessibility and integrity.
- Reduced platform dependency by building a system that operates independently of individual source platforms.
- Streamlined reporting and analytics processes by enabling efficient data aggregation and retrieval.

Key Central

Tech Stack: ASP.NET Core MVC, Blazor, Azure AD B2C, SQL Server, Entity Framework Core

- Contributed to the ongoing development of Key Central, a mature enterprise system for agricultural and field operations data.
- Designed and maintained dynamic, data-driven reporting features for both internal and external stakeholders.
- Implemented Azure AD B2C authentication with role-based access control (RBAC) for User, Admin, and Super Admin roles.
- Ensured secure access and smooth user experience across different authorization levels using Azure AD B2C policies.
- Supported scalable and efficient data visualization and reporting aligned with enterprise-grade standards.

Recipe Hub

Tech Stack: .NET Core, .NET Core Web API, SQL Server, Edamam API, REST APIs

- Developed a recipe management and reporting system enabling users to create, edit, and view custom recipes with nutritional analysis
- Integrated third-party Edamam API to fetch real-time nutrition data for accurate analysis
- Implemented detailed reporting and user input tracking for better data insights
- Wrote and maintained NUnit test cases to ensure code reliability and improve test coverage
- Focused on delivering a user-friendly interface with accurate and responsive data handling

Education

2021 – 2025

Baddi, India

Bachelor of Engineering in Computer Science and Engineering

Chitkara University

CGPA: 8.34

2019 – 2021

Parwanoo, India

Senior Secondary Education

D.A.V. Public Sr. Sec. School

Score: 78.6%

2019

Parwanoo, India

Secondary Education

D.A.V. Public Sr. Sec. School

Score: 85.4%

Languages

• English

• Hindi