# SATYAM GUPTA

.NET Developer | ASP.NET Core, Web API & SQL Server

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## PROFESSIONAL SUMMARY

.NET Developer with close to 3 years of experience building and maintaining backend systems for a FinTech ERP platform. Hands-on across the Microsoft web stack — C#, ASP.NET MVC, ASP.NET Web API, .NET Core Web API, .NET Framework, Entity Framework / EF Core, Dapper, and SQL Server 2022 — with end-to-end ownership of REST API development, JWT authentication and role-based authorization, and SQL query and stored procedure optimisation. Practical experience in application security, including VAPT finding remediation (SQL Injection, XSS, CSP) and secure coding practices. Comfortable working across the full backend lifecycle from database design through API delivery, and currently deepening expertise in modern ASP.NET Core architecture and patterns.

## TECHNICAL SKILLS

**Languages & Web:** C#, T-SQL, JavaScript, HTML5, CSS3, jQuery, AJAX, JSON, Razor Views

**.NET & Frameworks:** ASP.NET Web Forms, ASP.NET Core MVC, ASP.NET Web API, .NET Core Web API, .NET Framework 4.x, LINQ, Dependency Injection

**Databases & ORM:** Microsoft SQL Server 2022, Stored Procedures, Views, Indexes, Transactions, Query Optimization, Execution Plans, Entity Framework / EF Core, Dapper

**Security:** OAuth, JWT Authentication, Role-Based Access Control (RBAC), OWASP Top 10 awareness, VAPT Remediation, Content Security Policy (CSP), SQL Injection & XSS Prevention

**Tools:** Visual Studio, SQL Server Management Studio (SSMS), Postman, Git, IIS

**Practices:** Agile / Scrum, Code Reviews, SDLC, Production Support, WhatsApp Business API (Twillio)

**Currently Deepening:** Modern ASP.NET Core internals (middleware, DI lifetimes), advanced EF Core, SOLID & design patterns

## PROFESSIONAL EXPERIENCE

**Senior Developer — Equitec Software Technology Pvt. Ltd., Mumbai** Sept 2023 – Present

*FinTech product company building an equity-research ERP platform for institutional broking clients.*

- Developed and maintained RESTful APIs for the CRM module using ASP.NET Core Web API, Entity Framework Core, and SQL Server 2022, securing endpoints with JWT authentication and role-based authorization.
- Optimised SQL Server stored procedures and queries through index tuning, execution-plan analysis, and query restructuring to improve report generation performance.
- Built and maintained web modules on ASP.NET MVC and ASP.NET Core, covering research content workflows and multi-level approval processes.
- Contributed to an asynchronous report distribution process, scheduled via Windows Services and SQL Server Agent Jobs, for delivering research output to subscribed clients via email.
- Worked on remediation of OWASP Top 10 and VAPT audit findings — including SQL Injection, XSS, and session-management issues — to meet security and compliance requirements.
- Implemented role-based access control (RBAC) for multiple user roles including Analyst, Compliance, and Admin, with per-module permission handling.
- Used both Entity Framework Core and Dapper across the codebase, applying EF Core for standard CRUD operations and Dapper for performance-sensitive read/reporting queries.
- Participated in code reviews and supported junior developers on ASP.NET Core fundamentals and coding standards.

## KEY PROJECT

**Equity Research ERP Platform** ASP.NET Core · Web API · EF Core · Dapper · SQL Server · JWT

- Backend platform supporting research content authoring, compliance approval workflows, and client distribution.
- Owned CRM module REST APIs, contributed to the report distribution workflow, and implemented platform RBAC.
- Added WhatsApp-based research delivery to the distribution pipeline using the Twilio API, alongside the existing email channel.

## EDUCATION

**Bachelor of Science in Information Technology — University of Mumbai, Mumbai** 2020 – 2023

## ADDITIONAL INFORMATION

Languages: English (Professional), Hindi (Native)

Location: Mumbai — open to Mumbai / Hybrid roles