Vishal Chauhan

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PROFESSIONAL SUMMARY

Results-driven **.NET Developer** with **3.7 years of hands on experience** in building, modernizing, and maintaining scalable **Web APIs and enterprise-level applications** using **ASP.NET Core, MVC, Angular and SQL Server**. Strong backend expertise with hands-on experience integrating **Angular-based frontends** with RESTful APIs. Proficient in implementing **authentication and authorization**, real-time features, and **Clean Architecture** using industry best practices. Solid understanding of **OOP, SOLID principles, DDD**, and **Agile/Scrum methodologies**, with a proven ability to deliver high-quality, maintainable, and performance-optimized solutions.

TECHNICAL SKILLS

• **Backend:** C#, ASP.NET Core, .NET MVC, Web API, LINQ, Entity Framework, ADO.NET, SignalR, Python web scraping
• **Frontend:** Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, Bootstrap, Tailwind
• **Database:** MS SQL Server, PostgreSQL, MySQL
• **Architecture & Concepts:** Clean Architecture ,RESTful APIs,JWT Authentication,Role Based Authorization,OOP, SOLID, DDD
• **Automation and Scripting:** Python(Selenium,Web Scraping, Data Automation)
• **Tools & Practices:**Git/GitHub, Postman, JIRA, Zoho, Power Automate (Basic), Power BI (Basic),Visual Studio, VS Code,Unit Testing (xUnit), Agile/Scrum

WORK EXPERIENCE

DotNet Developer

CS Soft Solutions Pvt. Ltd., Mohali | July 2022 – Present
• Designed, developed, and maintained web applications using **.NET Core, MVC, Web APIs, and SQL Server**.
• Optimized **SQL queries and stored procedures**, for improving application performances.
• Designed and integrated **Angular applications** with secure **.NET Web APIs**, including authentication and role-based access.
• Migrated a legacy **.NET Framework** project to **.NET 8** using **Clean Architecture** principles.
• Developed **Python-based web scraping solutions** for multiple projects using **Selenium**

and **Undetected ChromeDriver** to automate data extraction from dynamic websites.
• Worked in an **Agile environment** with sprint planning, daily stand-ups, and code reviews.

KEY PROJECTS

Heavily Played - Playing Cards Marketplace
Team Size: 12 | Tech: ASP.NET Core, PostgreSQL, LINQ, Web API, Angular

• Contributed to the development of core features for an online playing cards marketplace using **Domain-Driven Design (DDD)** principles.
• Collaborated closely with clients and stakeholders to gather requirements and propose functional and usability enhancements.
• Developed and maintained **Angular components** for card listings,filtering, and user dashboards.
• Integrated the **Angular frontend** with backend **RESTful APIs** using **HttpClient** and **RxJS** for efficient data handling.
• Implemented **JWT-based authentication and role based authorization** between the Angular application and the .NET backend.
• Utilized **Angular Reactive Forms** to build robust create and update workflows with proper validations.
• Enhanced **database performance** by designing and applying optimized indexes on high-traffic tables, resulting in faster query execution and improved response times.

Invoice Automation Scraper – FedEx & UPS
Team Size: 5 | Tech: Python, SQL Server, Selenium,Undetected chrome driver

• Developed automated **web scraping solutions** for **FedEx and UPS** to securely download and process invoices, significantly streamlining the billing and reconciliation workflow.
• Implemented **Selenium with Undetected ChromeDriver** to handle dynamic web pages, authentication flows, and bot-detection mechanisms with high reliability.
• Designed, wrote, and optimized **SQL queries and stored procedures** to ensure efficient storage, retrieval, and processing of scraped data.

Price Scraping Automation System

Tech: Python, Selenium, Undetected ChromeDriver, CSV, Configuration Files
Type: Confidential Client Project

• Designed and delivered an **automated price scraping solution** using **Python** to extract product pricing data from multiple international retail websites.
• Implemented scraping for **four e-commerce platforms**, handling dynamic content, search flows, and anti-bot measures using **Selenium and Undetected ChromeDriver**.
• Built a **configurable architecture** allowing business users to update **product keywords and brand lists** via external configuration files without code changes.

• Extracted and normalized structured data including **product name, brand, pack size, weight, price, currency, timestamp, and product URL**, and exported results to **CSV** using standardized naming conventions.
• Implemented **duplicate handling, robust error management, and detailed logging** to ensure data accuracy and traceability across scraping runs.
• Enabled **on-demand and scheduled execution** of the scraping process, supporting operational and reporting requirements.
• Delivered complete **documentation, configuration guides, sample outputs, and a live handover session**, meeting all client acceptance criteria within a **1-week delivery timeline**.

Recycle Nations - Legacy Modernization Project

Tech: ASP.NET MVC (.NET 4.8 → .NET 8 MVC Core), C#, SQL Server, Razor, REST APIs
Type: Enterprise Web Application Migration

• Led the **migration of a legacy ASP.NET MVC application from .NET Framework 4.8 to .NET 8 MVC Core**, modernizing the codebase for long-term support, performance, and maintainability.
• Refactored legacy components to align with **ASP.NET Core MVC architecture**, improving separation of concerns and overall application structure.
• Upgraded routing, middleware, dependency injection, and configuration management to follow **modern .NET 8 best practices**.
• Ensured seamless functionality of a **recycling information and locator platform**, enabling users to discover recycling centers, materials, and related environmental information.
• Identified and resolved **compatibility issues** related to deprecated APIs, authentication mechanisms, and framework-level changes during migration.
• Improved application **performance, security, and scalability** as part of the modernization effort.
• Conducted thorough testing and validation to ensure feature parity between the legacy system and the upgraded **.NET 8 MVC Core application**.

Education
• Industrial Training Dotnet (6 Months) – CS Infotech, Chandigarh (2021–2022)

• MBA in Marketing and HR(**7.25 CGPA**)– Chandigarh University, (2018–2020)

• Bsc Hons Horticulture (**7.57 CGPA**)– Dr YS Parmar University of horticulture and forestry,Solan(Himachal Pradesh) (2013–2017)

• 12th(**78.4%**) – HPBOSE, Dharamshala(2013)

• 10th(**84.7%**) – HPBOSE, Dharamshala(2011)

Professional Strengths

• Strong **analytical problem-solving** and **advanced debugging** skills
• **Fast learner** with clear, effective **technical and stakeholder communication**
• Deep interest in **system design**, **Clean Architecture**, and building **scalable, maintainable solutions**